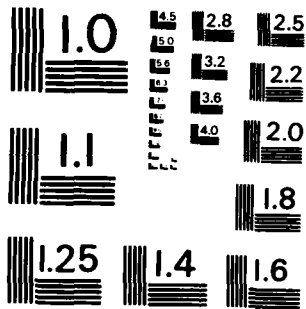


UNCLASSIFIED

BUCKLEY ANGB COLORADO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 19 SEP 83
USAFETAC/DS-83/040 SBI-AD-E850 423 F/G 4/2

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

AD-A134205

ADP 11-13
USAFETAC/DS-93/040

1

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

STATION: 134, AURORA, DENVER
1943 - 1945 ELEV 5663 FT
PERIOD: A-F HOURS: 0000Z - 2300Z
PERIOD OF RECORD:
OBSERVATIONS: JUN 73 - MAY 83
SUMMARY OF DAY DATA: MAY 81 - MAY 83
TIME CONVERSION GMT TO LST: -7

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
USAFETAC/DS- 83/040	AD-A134205	
4 TITLE (and Subtitle)		5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)- BUCKLEY ANGB, COLORADO		Final rept.
7 AUTHOR(s)		8 PERFORMING ORG. REPORT NUMBER
9 PERFORMING ORGANIZATION NAME AND ADDRESS		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		
11 CONTROLLING OFFICE NAME AND ADDRESS		12 REPORT DATE
USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		SEP 83
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		13 NUMBER OF PAGES
		P. 420
		15 SECURITY CLASS (of this report)
		UNCLASSIFIED
		15a DECLASSIFICATION DOWNGRADING SCHEDULE
16 DISTRIBUTION STATEMENT (of this Report)		
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)		
This report is a six-part statistical summary of surface weather observations for BUCKLEY ANGB, COLORADO It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over))		

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*DENVER
*COLORADO
*BUCKLEY ANG
*AURORA
*BUCKLEY ANG
*BUCKLEY
USC0724695
20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

Accession For	
NTIS GRA&I	<input checked="checked" type="checkbox"/>
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Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A	



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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WHO number with the addition of a suffix zero; or, in cases where there is no designated WHO number, a 5-digit number created in agreement with WHO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		DMS NUMBER	
724695		BUCKLEY ANGB, CO		N 39 43		W 104 45		5663		BKF			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	PRIV. BAROMETER					
1	Buckley Fld, Denver, Colorado	AAF	Mar 44	Dec 44	N 39 37	W 104 45	5560	N/A	24				
2	Buckley Fld ANG, Denver, Colorado	ANG	Mar 61	Feb 62	N 39 42	W 104 45	5673	5657	24				
3	No change	ANG	Mar 62	Feb 65	No chge	No chge	No chge	5653	No chge				
4	No change	ANG	Mar 65	Oct 66	No chge	No chge	No chge	5633	No chge				
5	No change	ANG	Nov 66	Dec 70	No chge	No chge	No chge	5641	No chge				
6	Buckley ANGB, Aurora, Colorado	ANG	Jan 71	Nov 80	No chge	No Chge	5663	5570	No chge				
7	No Change	ANG	Dec 80	Sep 83	N 39 43	No Chge	No Chge	No Chge	No Chge				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 44 to Dec 44	Not available	Anemometer	None	N/A	
2	Mar 61 to Feb 62	Located 100 ft NW of Buckley Tower	Selsyn	None	18 ft	
3	Mar 62 to Feb 63	Located 500 ft W of Rnwy 14/32, 500 ft S of Rnwy 07/25	ANGMQ-11	None	13 ft	
4	Mar 63 to Jun 64	Located 500 ft SW of junction of Rnwy 14/32-07/25	No chge	None	No chge	
5	Jul 64 to Feb 65	No change	No chge	RO-2	12 ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	Mar 65 to Feb 66	No change	No chge	No chge	18 ft	
7	Mar 66 to 25 Jul 67	No change	No chge	No chge	20 ft	
8	26 Jul 67 to Feb 68	1. Located S end Rnwy 32/14. 2. Located E end Rnwy 26/08.	AN/GMQ-11	RO-2	9 ft 12 ft	
9	Mar 68 to Dec 70	1. Located 960 ft from centerline, 500 ft from end of Rnwy 32. 2. Located 660 ft from centerline, 800 ft from end of Rnwy 26.	No chge No chge	No chge	No chge No chge	
10	15 Jun 74	1. Located 960 ft NE rnwy centerline, 500 ft from end of rnwy 32 2. Located 500 ft NE rnwy centerline, 560 ft from end of rnwy 14 3. Located 750 ft S of rnwy centerline, 1000 ft from end rnwy 26 4. Located 500 ft S of rnwy centerline, 1040 ft from end rnwy 08	AN/GMQ-20 Same Same Same	RO-362 Same Same Same	13 Ft Same Same Same	
11	Sep 83	(None of the above information in para 10 has changed)	Same	Same	Same	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		.3		10.3		10.5	4.5	.5	.2		5.2	930
	03-05		.3		10.6		10.6	5.2	.5	.2		5.6	930
	06-08				10.1		10.1	7.1	.3	.2		7.5	930
	09-11				8.6		8.6	6.7	1.5	.1		8.0	930
	12-14				6.7		6.7	5.4	2.8	.4		7.7	930
	15-17				6.3		6.3	5.3	2.4	.9	.2	7.6	930
	18-20				10.2		10.2	6.6	1.0	.6	.3	7.8	930
	21-23		.2		9.8		10.0	5.8	.2	.1		6.1	930
TOTALS			.1		9.1		9.1	5.8	1.2	.3	.1	6.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		.5	.7	8.4		9.2	7.6	.2	.7		8.5	946
	03-05		.4	.8	10.5		11.2	9.9		.1		10.0	846
	06-08		.1	.8	9.5		10.0	11.1	.4	.2		11.7	846
	09-11			.4	8.9		9.1	9.3	1.8	.4		11.5	846
	12-14		.1		8.5		8.6	5.4	1.1	.5		6.9	946
	15-17		.5	.1	6.5		7.0	3.9	1.7	.7	.2	6.4	846
	18-20		.1	.6	6.1		6.5	5.3	.8	.7	.1	6.9	946
	21-23			.4	7.9		8.3	5.8	.5	.8		7.1	846
TOTALS			.2	.5	8.3		8.7	7.3	.8	.5	.0	8.6	6768

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72-695
STATION

BUCKLEY ANGB CO

STATION NAME

74-83

YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (ST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		1.0	.2	13.5		14.4	8.7	.2	.8		9.4	930
	03-05		.3	.4	12.3		12.6	8.0		1.1		8.7	930
	06-08		.5	1.2	11.5		12.5	11.2	.2	1.4		12.4	930
	09-11		.6	.4	10.8		11.6	10.3	.2	1.2	.3	11.6	930
	12-14	.1	1.4		9.7		11.1	9.0	1.0	1.2	.9	11.5	930
	15-17	.2	2.6		10.0	.1	12.3	7.1	1.3	1.4	.9	10.4	930
	18-20		2.4		12.9		14.7	8.9	.4	1.0	.1	10.3	930
	21-23		1.4		14.9		16.2	8.0	.2	.8		8.9	930
TOTALS		.0	1.3	.3	12.0	.0	13.2	8.9	.4	1.1	.3	10.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		4.7		6.4		10.2	4.2		.6		4.8	900
	03-05		4.8		7.2		11.1	5.7		.4		6.1	900
	06-08		4.2		7.1		10.8	9.6	.1	.7		10.0	900
	09-11		3.1		7.1		10.1	8.3		.7	.1	8.6	900
	12-14	.8	3.9		5.1		8.9	5.2	.3	.4	.3	6.0	900
	15-17	1.9	6.0		4.7		10.6	4.7	1.1	.4	.3	6.3	900
	18-20	.6	5.9		4.6		10.2	3.9	.7	.3	.1	4.9	900
	21-23	.6	5.6		5.7		10.6	4.9		.3		5.2	900
TOTALS		.5	4.8		6.0		10.3	5.8	.3	.5	.1	6.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695 BUCKLEY ANGB CO

74-83

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.2	6.7		2.9		11.4	4.5				4.5	930
	03-05	.3	9.0		3.1		11.2	6.8	.1			6.8	930
	06-08		7.4		2.8		9.7	9.1	.4			9.2	930
	09-11	.4	7.7		2.4	.1	9.8	5.8	.1			5.9	930
	12-14	2.5	9.9		2.2	.2	11.7	4.3				4.3	930
	15-17	5.4	11.4		2.2		13.3	3.4		.1		3.4	929
	18-20	2.7	10.9		2.8		13.2	3.8		.3	.2	4.0	927
	21-23	1.6	10.8		3.1		13.6	3.8		.1		3.8	927
TOTALS		1.6	9.5		2.7	.0	11.7	5.2	.1	.1	.0	5.2	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.7	3.7		.1		3.7	.8				.8	900
	03-05	.4	3.3				3.3	1.4				1.4	900
	06-08	.2	4.4				4.4	3.2	.3			3.4	900
	09-11	.3	4.0				4.0	1.8	.2			1.8	900
	12-14	2.7	5.2			.1	5.2	1.2	.3			1.6	900
	15-17	7.2	7.2		.2		7.2	.9				.9	900
	18-20	6.1	7.3			.1	7.3	1.0				1.0	900
	21-23	2.3	4.9				4.9	.3			.1	.4	900
TOTALS		2.5	5.0		.0	.0	5.0	1.3	.1		.0	1.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695
STATION

BUCKLEY ANGP CO
STATION NAME

73-82
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.1	3.2				3.2	.2	.1			.3	930
	03-05	.5	1.9				1.9	1.6				1.6	930
	06-08	.4	2.0				2.0	3.8	.1			3.8	930
	09-11	.2	.8				.8	.5	.2			.8	930
	12-14	2.7	2.5				2.5	.3				.3	930
	15-17	11.4	9.4				9.4	.3	.2		.1	.6	930
	18-20	9.0	11.1				11.1	.2			.1	.3	930
	21-23	4.1	6.9				6.9	.2				.2	930
TOTALS		3.7	4.7				4.7	.9	.1		.0	1.0	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	1.0	2.9				2.9	1.4	.5			1.9	930
	03-05	.4	2.0				2.0	1.8	.1			1.8	930
	06-08		2.9				2.9	4.4	.3			4.5	930
	09-11	.1	3.4				3.4	2.0	.1			2.2	930
	12-14	2.6	4.4				4.4	1.1				1.1	930
	15-17	9.8	8.6				8.6	.6			.1	.8	930
	18-20	6.1	7.1			.1	7.1	.4	.2			.6	930
	21-23	2.5	3.7			.1	3.7	.2	.3		.1	.6	930
TOTALS		2.8	4.4			.0	4.4	1.5	.2		.0	1.7	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695
STATION

BUCKLEY ANGB CO
STATION NAME

73-82

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.2	5.1		.4		5.6	1.8				1.8	900
	03-05	.3	6.1		.6		6.6	2.7				2.7	900
	06-08	.2	6.6		.2		6.8	4.1	.1			4.1	900
	09-11		5.3				5.3	2.6	.3			2.9	900
	12-14	1.2	4.6			.1	4.6	.9	.1			1.0	900
	15-17	2.8	5.3				5.3	1.0	.3			1.3	900
	18-20	1.9	6.7				6.7	1.4	.3		.2	2.0	900
	21-23	.7	5.1				5.1	.2				.2	900
TOTALS		.9	5.6		.2	.0	5.8	1.8	.1		.0	2.0	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724595
STATION

BUCKLEY ANGB CO
STATION NAME

73-82

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02		3.8		2.8		6.2	.9				.9	930
	03-05		3.2	.2	3.8		6.7	1.6	.2			1.7	930
	06-08	.1	2.7	.2	3.4		6.0	4.4	.1			4.4	930
	09-11		2.7		3.2		5.6	4.5	.1			4.5	937
	12-14		2.4		3.2		5.3	4.0				4.0	930
	15-17		2.8		2.6		5.4	3.7				3.7	930
	18-20		2.8		2.8		5.5	2.7	.1		.1	2.9	930
	21-23		3.9		3.0		6.6	2.5				2.5	930
TOTALS		.0	3.0	.1	3.1		5.9	3.0	.1		.0	3.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724695
STATION

BUCKLEY ANGB CO

STATION NAME

73-82

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIR	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02		.8	.3	9.9		10.6	6.4	.2	1.1		7.6	900
	03-05		.6	.3	7.7		8.2	6.8	.1	.8		7.6	900
	06-08		.7	1.0	8.4		9.6	7.7	.4	1.4		9.0	900
	09-11		.3	1.0	7.8		8.8	6.3	1.2	1.8	.2	8.7	900
	12-14		.3	.4	6.0		6.4	5.3	1.2	1.6		7.3	900
	15-17		.8	.7	6.6		7.6	5.3	1.1	1.6		7.1	900
	18-20	.1	.4	.9	10.2		11.0	6.2	1.0	.9		7.4	900
	21-23		.4	.6	11.7		12.0	7.7	.6	1.0		8.6	900
TOTALS		.0	.5	.7	8.5		9.3	6.5	.7	1.3	.0	7.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724595
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		1.1	.6	9.4		10.9	4.7		.4		5.1	924
	03-05		.1	.9	9.4		10.2	4.7		.5		5.0	924
	06-08		.2	.5	9.1		9.4	6.6		.9		7.4	924
	09-11			.4	8.7		8.9	6.7	.2	.9		7.7	924
	12-14		.1		6.8		6.9	4.8	.3	.8		5.7	924
	15-17				7.6		7.6	4.8	.3	.6		5.7	924
	18-20		.2	.4	9.2		9.3	5.1	.3	.8		5.8	924
	21-23		1.4	.4	10.2		11.3	5.0	.1	.3		5.3	924
TOTALS			.4	.4	8.8		9.3	5.3	.2	.7		6.0	7392

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

724695
STATION

BUCKLEY ANGB CO
STATION NAME

61-83
YEARS

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN DAILY			2.1	1.0	29.5		30.6	21.8	5.1	3.5		25.1	692
FEB		.3	4.0	1.4	29.0		30.1	23.5	4.8	3.5	.2	25.8	621
MAR		.8	9.8	1.3	36.6	.4	40.3	29.2	9.3	3.6	.3	31.0	713
APR		7.1	26.9	.1	23.7	1.0	39.2	23.7	1.9	2.3		24.7	689
MAY		23.6	48.9	.1	7.7	4.9	50.5	19.6	1.5	.1		19.6	713
JUN		35.5	44.4		.3	3.8	44.4	11.1	1.8			11.4	660
JUL		42.4	51.3			2.8	51.3	7.8	1.5			7.9	682
AUG		33.0	45.7			2.2	45.7	10.7	1.3			10.9	682
SEP		14.2	34.5	.3	4.1	.8	35.3	15.3	.9		.2	15.9	660
OCT		1.8	18.0	.9	10.7		23.2	14.1	1.9	.4		14.2	682
NOV		.3	8.0	2.3	25.0		26.8	22.0	4.4	2.1		23.8	660
DEC			4.7	2.1	28.5		30.0	21.0	3.5	2.2		22.6	681
TOTALS		13.2	24.9	.8	16.3	1.3	37.3	18.3	2.7	1.5	.1	19.4	8125

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

B

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00" equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

704695 LUCKLEY ANGB CO 61-63
STATION STATION NAME YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	69.5	15.2	.6	5.9	2.9	2.5	2.1	.3						16.3	682	.55	1.23	.05
FEB	69.5	14.2	1.4	6.1	3.2	3.9	1.4	.2						16.3	621	.52	1.45	TRACE
MAR	59.3	14.2	1.7	8.8	3.8	7.2	3.4	1.3	.4					26.5	713	1.34	4.42	.27
APR	51.1	14.9	1.9	7.1	3.8	5.8	3.5	1.2	.6	.1				23.9	87	1.40	7.8	.03
MAY	49.5	19.4	3.6	7.4	4.9	7.0	3.2	4.1	1.4	.4				32.1	813	2.80	5.17	.08
JUN	55.3	19.7	1.2	6.8	4.7	4.8	4.2	2.	.9	.3				25.0	860	2.04	6.54	TRACE
JUL	49.7	11.0	4.1	7.4	4.4	5.1	4.1	2.1	1.2					30.4	652	1.93	5.73	.38
AUG	4.3	17.6	2.2	8.2	5.9	4.3	4.4	1.9	1.3					28.2	682	2.00	5.32	.25
SEP	54.8	13.9	1.5	5.9	3.2	4.8	3.2	2.4	.2					21.2	660	1.32	4.22	.01
OCT	76.8	8.9	.9	4.0	2.3	3.4	2.6	.7	.3					14.2	682	.84	4.55	.08
NOV	72.4	11.5	2.0	4.8	2.7	3.2	2.1	.6	.2					16.1	660	.73	2.23	.16
DEC	69.8	14.4	2.5	5.7	3.5	2.5	1.0	.3	.1					15.8	679	.48	2.45	TRACE
ANNUAL	62.4	15.4	2.1	6.7	3.8	4.5	3.0	1.4	.5	.1				22.2	8123	5.95		

2

PRECIPITATION

FROM DAILY OBSERVATIONS

61-23

YEARS

1

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXX
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

724695 DUCKLEY ANGB CO
STATION STATION NAME

61-83

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
61			1.72	.86	4.21	.82	1.44	2.13	4.22	.69	.78	.14	
62	1.23	.73	.58	.83	1.64	2.33	.53	.54	.29	.08	.61	.2	9.59
63	.95	.11	1.43	.73	.47	3.94	1.22	6.82	2.73	.45	.51	.41	18.97
64	.45	1.45	1.08	1.44	3.42	1.66	.92	.59	.49	.12	.88	.38	12.88
65	1.39	1.35	1.40	1.04	2.51	6.54	6.73	2.91	2.57	.57	.19	.45	27.35
66	.24	.90	.41	.72	.32	1.08	2.72	.83	1.57	.46	.34	.25	9.14
67	.84	.28	.99	3.78	5.77	5.57	3.79	.94	1.12	.94	.59	.71	24.62
68	.33	.62	1.72*	1.52	2.19	.61	1.48	3.78	.52	.68	.48	.22	13.45
69	.19	.43	1.66	1.47	6.17	2.44	2.78	1.61	.58	4.55	.50	.31	22.69
70	.05	TRACE	1.68	.57	.43	4.58	2.75	.25	2.11	.64	.85	.78	13.91
71	.65	1.30	.99	1.65	1.38	.14	2.00	.85	2.26	.31	.16	.53	12.27
72	.55	.65	1.02	2.07	1.27	3.12	.38	3.45	1.38	.77	1.86	.42	16.94
73	.66	.74	.89	2.77	5.78	.30	1.91	1.39	2.96	.52	.60*	1.73	18.85
74	1.11	.52	1.06	1.61	.08	2.65	1.23	.33	.78	1.33	.74	.15	11.51
75	.78	.30	1.24	.77	7.71	1.20	2.13	5.16	1.08	.18	2.23	.33	18.58
76	.25	.25	1.18	1.27	.99	.69	1.33	.94	1.91	1.04	.24	.04	10.11
77	.17	.23	1.10	2.15	.96	.88	3.15	1.12	.14	.49	.90	.71	11.27
78	.34	.37	.53	1.67	3.55	1.37	.96	1.12	.01	1.21	.60	1.20	12.93
79	.97	.56	2.59	1.94	3.23	2.12	.93	4.17	.31	1.16	1.49	1.02	20.49
80	1.09	.86	1.21	2.36	1.75	TRACE	2.15	1.96	.48	.8	.57	TRACE	12.51
81	.44	.12	2.41	.74	5.71	.57	1.31	.52	.20	.64	.42	.86	13.94
82	.49	.24	.27	.21	4.17	2.36	1.32	2.65	1.38	1.58	.48	2.45	17.60
83	.05	.17	4.42	2.78	4.81								
MEAN	.555	.522	1.343	1.401	2.804	2.037	1.929	2.003	1.322	.839	.728	.465	1.64
S D	.38	.426	.872	.755	1.977	1.777	1.370	1.741	1.112	.524	.516	.558	5.296
TOTAL OBS	652	621	713	689	713	66	682	682	66	682	66	679	8123

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

FEDERAL CLIMATOLOGY BRANCH
 WETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

14595 BUCKLEY ANGB CO
 STATION

STATION NAME

61-83

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	69.5	15.0	6.0	5.1	1.3	1.3	.4	.9	.3					15.4	682	6.3	15.4	.3
FEB	70.7	13.8	4.7	6.0	2.1	1.4	.6	.3	.3					15.5	621	5.8	16.7	TRACE
MAR	13.7	12.9	6.9	7.4	4.6	2.4	1.1	1.1	.3	.1	.1			24.1	713	12.7	35.6	7.7
APR	76.9	11.0	3.9	3.7	1.8	1.0	.3	.9	.1	.3	.1			12.1	694	7.4	17.1	TRACE
MAY	92.0	4.6	.7	.8	.6	.3	.1	.3	.1	.1				3.4	713	2.7	15.3	.0
JUN	99.5	.3	.2											.2	660	TRACE	.2	.0
JUL	100.0														682	.0	.0	.0
AUG	100.0														682	.0	.0	.0
SEP	75.9	2.1	.2	.3	.8	.3	.2	.2		.2				2.0	560	1.7	18.7	.0
OCT	89.4	5.0	1.2	2.1	.4	.4	.6	.4	.1	.3				5.6	682	4.1	41.8	.0
NOV	75.0	11.4	3.8	3.9	2.3	1.4	.9	.8	.5	.2				13.6	660	7.7	25.6	.8
DEC	71.4	14.7	4.4	5.7	1.2	.9	.4	.6	.4		.1			13.8	679	6.4	23.4	TRACE
ANNUAL	63.6	7.6	2.7	2.9	1.3	.8	.4	.5	.2	.1	.0			8.8	8118	54.8		

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

EXTREME VALUES

SNO-FALL

FROM DAILY OBSERVATIONS

724695 BUCKLEY ANGB CO
STATION STATION NAME

61-83

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
61				3.5	3.3	13.3	.0	.0	.0	4.5	4.0	3.5	.5	
62		7.7	2.7	1.5	6.0	.0	.0	.0	.0	1.3	.0	4.1	.6	7.7
63		4.5	.8	4.2	.1	.0	.0	.0	.0	.0	TRACE	4.5	2.5	4.5
64		1.6	4.4	4.0	11.9	1.5	.0	.0	.0	TRACE	.0	2.6	.8	11.9
65		6.7	7.0	4.0	.6	TRACE	.0	.0	.0	4.5	.0	1.9	1.5	7.0
66		1.0	5.1	1.7	4.7	2.0	.0	.0	.0	TRACE	4.5	2.7	1.0	5.1
67		4.0	1.0	5.1*	.2	2.0	.0	.0	.0	.0	1.0	3.8	4.3	5.1
68		3.4	3.9	3.3*	1.2	TRACE	.0	.0	.0	.0	.3	2.4	3.4	3.9
69		.8	3.2	6.3	TRACE	TRACE	.0	.0	.0	.0	13.5	3.4	1.0	13.5
70		.3	TRACE	3.4	1.3	TRACE	TRACE	.0	.0	3.0	1.5	2.8	.8	3.4
71		5.1	4.7	6.2	6.3	.8	.0	.0	.0	12.3	1.2	2.0	5.0	12.3
72		2.6	2.9	6.0	16.1	TRACE	.0	.0	.0	TRACE	3.8	7.7	4.5	16.1
73		5.2	.4	4.1	5.0	.5	.0	.0	.0	.0	3.3	2.7*	10.1	10.1
74		4.7	2.1	2.8	6.9	.0	.2	.0	.0	2.0	.6	4.7	.7	6.9
75		.0	1.6	3.1	5.4	3.0	TRACE	.0	.0	.0	.3	7.0	3.4	7.0
76		1.4	3.8	4.5	.5	.0	.0	.0	.0	.0	5.5	3.1	.1	5.5
77		1.2	.5	6.3	2.1	.0	.0	.0	.0	.0	4.1	3.5	TRACE	6.3
78		3.0	1.9	2.5	4.0	5.5	.0	.0	.0	TRACE	1.6	5.4	1.3	10.3
79		6.0	2.6	9.1	10.8	4.3	.0	.0	.0	.0	3.2	13.2	3.0	13.2
80		5.5	8.5	5.0	3.2	.0	.0	.0	.0	.0	.7	2.3	TRACE	8.5
81		3.0	1.0	10.8	5.4	TRACE	.0	.0	.0	.0	.6	6.3	4.7	10.8
82		2.0	1.4	2.4	1.0	TRACE	.0	.0	.0	.0	1.2	.5	19.1	19.1
83		.5	.9	19.0	3.3	9.8								

2

FROM DAILY OBSERVATIONS.

YEARS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
61			11.5	7.2	15.3	.0	.0	.0	6.5	4.6	7.4	1.4	
62	12.3	4.7	5.2	7.4	.0	.0	.0	.0	1.5	.0	5.5	1.2	37.8
63	8.5	1.5	14.0	.1	.0	.0	.0	.0	.0	TRACE	4.5	5.5	34.1
64	5.0	15.8	13.2	14.6	1.5	.0	.0	.0	TRACE	.0	4.8	3.0	58.1
65	11.9	16.7	18.3	.6	TRACE	.0	.0	.0	6.5	.0	1.9	4.2	60.1
66	3.0	10.9	4.7	7.1	2.8	.0	.0	.0	TRACE	6.1	2.4	2.3	40.2
67	9.3	3.2	6.8*	.3	2.0	.0	.0	.0	.0	1.0	6.3	11.9	* 40.8
68	3.4	5.7	7.3*	1.3	TRACE	.0	.0	.0	.0	.3	7.3	6.0	* 31.3
69	1.4	5.0	12.2	TRACE	TRACE	.0	.0	.0	.0	41.8	5.3	3.2	68.9
70	.3	TRACE	17.7	2.2	TRACE	TRACE	.0	.0	3.0	2.0	6.5	.8	32.5
71	6.4	10.1	6.4	7.7	.8	.0	.0	.0	10.7	1.7	2.0	11.3	65.1
72	5.6	6.0	10.9	17.1	TRACE	.0	.0	.0	TRACE	4.3	21.7	8.9	78.5
73	9.8	.6	13.5	14.7	.7	.0	.0	.0	.0	3.6	5.6*	19.7	* 68.2
74	8.3	6.9	11.6	14.6	.0	.0	.0	.0	2.0	.6	10.6	2.3	57.1
75	.0	4.5	6.9	12.1	4.8	TRACE	.0	.0	.0	.4	15.2	5.6	50.4
76	3.0	4.3	12.2	.5	.0	.0	.0	.0	.0	5.7	3.7	.1	34.0
77	1.0	1.3	11.0	4.1	.0	.0	.0	.0	.0	4.1	7.2	TRACE	29.2
78	8.9	5.0	4.5	4.0	11.5	.0	.0	.0	TRACE	2.5	.2	21.2	65.8
79	14.2	6.7	26.4	14.9	10.4	.0	.0	.0	.0	4.2	25.6	12.3	114.7
80	15.4	13.3	15.8	10.0	.0	.0	.0	.0	.0	.7	7.0	TRACE	62.2
81	4.0	1.2	23.8	6.4	TRACE	.0	.0	.0	.0	.8	9.3	.8	54.3
82	4.4	3.4	2.7	1.3	TRACE	.0	.0	.0	.0	1.2	.8	23.4	37.2
83	.7	1.7	35.6	8.9	11.5								
MEAN	6.35	5.84	12.70	7.41	2.67	.01	.00	.00	1.74	4.07	7.67	6.35	54.23
S.D.	4.504	4.771	7.798	5.618	4.679	.042	.000	.000	4.271	8.778	6.093	6.618	20.780
TOTAL OBS.	62	621	713	684	713	660	682	682	660	682	660	679	8118

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

61-83

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	45.7	17.1	9.2	9.7	6.0	9.4	2.8	.1						37.2	682			
FEB	54.9	15.8	13.4	6.8	4.3	3.5	1.4							29.5	621			
MAR	60.9	10.7	6.9	6.3	4.9	6.0	2.2	.1						28.5	713			
APR	3.3	5.7	3.8	2.2	1.6	2.8	.6	.1						11.0	690			
MAY	7.2	1.1	.7	.3		.7								1.7	713			
JUN	10.0														660			
JUL	10.0														592			
AUG	10.0														682			
SEP	19.7	.5	.6		.2	.3		.2						1.2	660			
OCT	52.5	1.8	2.2	.6	1.1	1.0	.4	.4						5.7	682			
NOV	59.2	7.9	7.4	7.0	3.0	4.1	.9	.5						22.9	660			
DEC	55.9	18.1	7.9	6.2	4.0	4.6	1.2	1.3						25.1	680			
ANNUAL	79.9	6.5	4.5	3.3	2.1	2.7	.8	.2						13.6	8125			

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE /MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

724695 BUCKLEY ANGB CO
STATION STATION NAME

61-83

YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
61			7	3	4	0	0	0	TRACE	3	5	2	
62	9	5	3	5	0	0	0	0	TRACE	0	3	1	0
63	3	1	7	0	0	0	0	0	0	0	4	3	7
64	0	5	5	9	0	0	0	0	0	0	2	1	9
65	3	12	6	0	0	0	0	0	1	0	2	3	12
66	2	8	2	4	2	0	0	0	0	5	3	2	8
67	4	2	3	4	1	0	0	0	0	1	4	5	5
68	4	4	3	2	0	0	0	0	0	0	2	3	4
69	1	2	7	0	0	0	0	0	0	13	4	2	13
70	1	TRACE	4	5	0	0	0	0	3	1	5	1	5
71	6	7	8	1	TRACE	0	0	0	16	3	2	5	16
72	4	4	7	13	TRACE	0	0	0	0	3	14	6	14
73	6	1	6	7	1	0	0	0	0	2	3	13	13
74	7	3	4	5	0	0	0	0	1	TRACE	4	1	7
75	1	2	4	9	1	0	0	0	0	1	7	2	0
76	3	3	6	1	0	0	0	0	0	0	4	1	6
77	1	2	3	3	0	0	0	0	0	4	4	TRACE	8
78	0	2	3	2	6	0	0	0	0	1	5	10	10
79	6	4	4	6	4	0	0	0	0	1	18	8	18
80	7	9	7	5	0	0	0	0	0	0	2	TRACE	9
81	3	5	10	1	0	0	0	0	0	1	3	7	10
82	4	2	2	TRACE	0	0	0	0	0	1	TRACE	19	19
83	1	2	17	4	5								
MEAN	4.3	3.9	5.8	3.9	1.0	.0	.0	.0	1.0	2.0	4.5	3.9	9.9
S D	3.286	2.932	3.261	3.362	1.846	.000	.000	.000	3.429	2.935	4.032	4.403	4.241
TOTAL OBS	682	621	713	670	713	660	682	682	66	682	660	680	8125

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

724595 BUCKLEY ANGB CO
STATION STATION NAME

66-83

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
56													
57	SSW 36W	41SSW	53NNW	48W	39S	*4CNE	*4DN	29NNW	35NNW	34ENE	28W	39	SSW 53
58	27W	*29NW	33SW	*39S	40SSW	5934/	37 2/	3329/	4031/	3430/	3328/	47	SSW 59
59	26/ 4428/	3632/	4117/	4219/	44 1/	4528/	4229/	3732/	4226/	3529/	3526/	38	1/ 45
60	29/ 3324/	32 3/	3736/	42 5/	3831/	43 6/	4430/	4127/	4036/	33 1/	4431/	38	6/ 44
61	28/ 3335/	40 2/	3915/	4116/	4432/	4835/	5013/	3135/	3822/	4917/	4718/	42	35/ 57
62	28/ 52 3/	3931/	4526/	4819/	502 1/	5121/	3920/	4218/	3722/	3229/	4623/	35	28/ 52
63	36/ 37 6/	2631/	4331/	3635/	4821/	3829/	4233/	4722/	37 3/	4130/	3530*	50	30* 55
64	70/ 32 3/	3624/	4421/	4518/	4732/	5515/	4927/	4533/	4525/	283 1/	35 1/	36	32/ 55
65	33/ 5435/	3723/	5117/	4124/	4515/	5035/	4426/	4036/	3136/	4830/	3832/	44	33/ 54
66	36/ 4618/	40 1/	4716/	5336/	4419/	4822/	4 27/	4333/	4516/	34 1/	4031/	39	16/ 53
67	28/ 3829/	4734/	6916/	5218/	4617/	442 1/	4831/	5135/	5419/	5327/	5128/	47	34/ 69
68	4/ 32 1/	4329/	3615/	5515/	6128/	4513/	4034/	6121/	42 1/	3532/	3736/	39	15/ 65
69	33/ 3431/	3318/	37 3/	412 1/	40 6/	41 5/	5024/	4726/	39 2/	4236/	4024/	40	5/ 50
70	18/ 4425/	2536/	4031/	3817/	4926/	341 1/	4318/	50 3/	3619/	4428/	4030/	26	18/ 57
71	29/ 29 4/	3820/	4218/	3815/	4121/	3713/	3630*	3412*	2321/	46 2/	3227/	36	21/ 46
72	29/ 411 1/	2620/	4528/	5417/	5016/	4317/	43 9/	5333/	4630/	3728/	3435/	42	28/ 54
73	29/ 4236/	3733/	38 1/	3931/	41								
74													
75													
76													
77													
78													
79													
80													
81													
82													
83													
MEAN	36.5	36.0	43.5	44.6	45.4	45.4	42.7	43.8	40.6	39.3	37.6	38.6	53.4
S D	7.723	6.261	8.427	6.271	6.363	6.717	4.686	8.627	6.206	7.051	6.893	5.621	7.242
TOTAL OBS	525	474	523	504	523	470	521	515	492	523	529	523	6102

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC
724095 BUCKLEY ANG CO
STATION

51-87

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100							.1						.0
95						.2	.4	.7					.1
90						2.7	6.0	3.4					1.0
85						13.4	31.1	18.6	2.6				5.5
80					2.8	28.6	65.5	46.3	15.5	.6			13.3
75			.1	.6	11.8	49.7	84.0	74.8	39.2	7.8			22.3
70		.8	.7	7.0	29.5	72.0	92.5	88.4	58.5	21.7	.6	.1	30.9
65	1.	3.5	4.1	23.7	49.9	83.0	97.8	95.5	73.5	40.8	4.8	.6	39.3
60	5.4	10.8	12.2	34.8	62.7	97.8	98.7	98.2	92.0	51.4	13.5	2.9	46.3
55	14.2	20.8	37.0	65.4	84.6	97.1	99.7	100.0	93.8	78.6	41.8	22.6	63.2
50	26.8	37.7	48.7	76.8	93.0	99.4	100.0		96.2	87.0	53.5	36.1	71.4
45	41.3	55.6	62.6	85.1	96.6	100.0			98.0	91.5	65.2	49.5	78.8
40	56.6	67.3	72.5	91.6	99.0				99.4	95.6	76.1	61.7	85.1
35	67.3	74.9	81.1	95.8	99.6				99.8	98.1	86.5	73.9	89.8
30	78.6	86.3	90.7	98.8	100.0				100.0	99.3	92.9	85.8	94.4
25	85.0	92.9	96.1	99.1						99.4	98.0	91.2	96.8
20	91.2	96.6	97.6	100.0						100.0	99.5	95.2	98.4
15	94.1	97.7	99.3								99.8	97.1	99.0
10	96.6	98.9	99.9									98.5	99.5
5	98.7	99.4	100.0								100.0	99.7	99.8
0	99.6	100.0										100.0	100.0
-5	99.9												100.0
-10	100.0												100.0
MEAN	39.8	44.1	48.4	58.2	67.4	78.6	85.8	83.2	74.4	64.0	50.0	43.2	61.4
S.D.	14.016	13.026	13.777	12.236	10.991	9.893	7.044	7.243	10.980	12.406	12.889	13.494	19.613
TOTAL OBS	682	621	713	690	713	660	682	682	660	682	660	681	8126

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 724695 BUCKLEY ANGB CO
 STATION STATION NAME

61-83

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70							.7	.1					.1
65						1.5	9.7	6.6	.2				1.5
60					.1	12.1	49.7	35.5	3.6	.1			8.5
55				.1	4.3	36.8	84.9	72.3	22.7	.9			13.5
50	.1		.1	2.0	18.2	68.3	97.4	95.5	52.6	7.3	.2	.1	25.4
45	.7	.6	1.1	7.8	42.6	89.7	99.6	99.9	73.2	24.2	1.7	.3	36.7
40	6.0	8.5	16.4	46.2	87.7	99.8	100.0	100.0	88.5	46.6	9.2	2.3	45.6
35	9.4	12.7	22.9	57.7	92.4	100.0			95.5	69.2	22.9	8.5	55.2
30	16.1	23.8	37.2	73.0	97.9				97.7	76.1	30.6	13.4	59.6
25	32.7	46.2	60.2	88.6	99.9				98.9	86.1	41.5	23.6	66.7
20	51.2	63.1	77.6	97.0					99.8	93.4	62.4	38.5	77.0
15	63.8	77.6	87.9	98.6	100.0				100.0	98.7	80.0	58.3	85.6
10	75.2	87.8	94.1	99.7						99.4	93.0	74.0	91.3
5	83.0	92.9	96.9	99.9						99.9	97.0	86.3	95.0
0	89.7	97.3	98.5	100.0						100.0	99.1	91.6	97.0
-5	94.7	98.9	99.7								99.5	95.3	98.4
-10	97.9	99.4	100.0								99.7	97.7	99.2
-15	99.1	100.0									99.8	99.0	99.7
-20	99.6										100.0	99.7	99.9
-25	99.7											100.0	100.0
-30	100.0												100.0
MEAN	17.4	21.8	25.6	33.9	42.9	52.3	59.1	57.4	48.7	38.2	27.2	20.6	37.1
S D	12.036	10.316	9.456	7.822	6.793	5.975	4.557	4.732	7.232	8.278	9.114	11.110	16.538
TOTAL OBS	62	621	713	690	713	660	682	682	660	682	660	691	8176

USAFETAC FORM 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 124595 BUCKLEY ANGB CO
 STATION STATION NAME

51-63

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
55							.3	.1					.0
50						1.8	6.3	3.7					1.0
75						12.0	38.7	24.3	2.1				5.4
70					2.8	31.1	76.1	60.1	18.6				15.8
65				.7	13.3	59.7	93.3	87.8	44.4	5.9			25.4
60	.1	.2	.7	7.4	34.4	80.5	98.4	96.3	55.1	22.0	.6		33.9
55		1.3	3.6	20.9	57.2	92.1	99.6	99.6	80.9	42.8	5.0	.9	42.1
50	1.8	4.5	13.3	38.1	74.6	97.4	99.7	100.0	90.8	59.5	16.2	5.4	50.4
45	8.4	14.3	28.6	60.4	89.9	99.5	100.0		95.3	75.4	33.6	15.0	60.3
40	21.0	29.5	44.3	77.8	96.8	100.0			97.7	88.0	49.8	29.7	69.8
35	37.8	51.4	62.0	89.7	99.0				99.5	94.0	54.8	43.9	78.7
30	54.0	66.3	77.6	94.8	100.0				100.0	97.5	79.4	60.2	85.9
25	67.3	77.9	87.4	98.4						99.3	90.5	75.2	91.5
20	78.0	88.4	94.0	99.0						99.6	97.7	87.5	95.4
15	85.8	94.0	97.5	100.0						99.9	99.4	92.8	97.5
10	90.3	97.3	98.5							100.0	99.7	95.6	98.4
5	95.3	98.7	99.6								99.8	97.8	99.3
0	98.1	99.0	100.0									99.0	99.7
-5	99.3	99.7									100.0	99.7	99.9
-10	99.6	100.0										100.0	100.0
-15	99.9												100.0
-20	100.0												100.0
MEAN	26.8	33.2	37.3	46.3	55.4	65.7	72.7	70.6	61.8	51.3	38.9	32.2	49.5
S D	12.76	11.15	10.99	9.44	8.23	7.47	5.25	5.35	8.57	9.80	10.49	11.74	17.74
TOTAL OBS	642	621	713	690	713	660	682	660	660	682	660	681	8126

2

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

724795
 STATION

BUCKLEY ANGB CO
 STATION NAME

61-93

YEARS

HOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
61			56	78	85	92	92	91	92	75	64	51	
62	62	71	70	79	86	92	93	96	89	85	71	66	96
63	62	72	79	79	86	95	95	93	89	82	69	63	95
64	62	57	68	77	88	90	95	93	90	84	72	70	95
65	52	62	66	81	82	93	92	90	84	81	71	76	92
66	60	56	73	77	89	94	95	92	86	77	70	64	95
67	62	67	75	78	87	83	91	91	85	85	70	56	91
68	60	60	71	73	82	98	94	93	86	82	68	63	98
69	65	64	70	79	86	92	94	97	89	85	66	65	97
70	68	69	66	78	86	97	94	101	89	80	74	65	101
71	68	63	82	75	83	96	98	87	89	80	75	64	98
72	61	73	75	77	82	84	99	95	83	80	54	57	99
73	58	57	63	71	77	91	100	91	83	81	72	67	100
74	53	56	69	76	88	91	92	90	86	83	69	60	92
75	62	62	60	81	80	91	94	97	86	85	76	66	97
76	63	67	73	75	82	93	98	92	92	81	68	62	98
77	57	64	68	78	83	94	99	98	91	81	75	64	99
78	51	62	73	78	86	93	96	92	92	82	77	52	96
79	49	74	66	76	81	90	94	102	93	83	69	65	102
80	56	67	63	77	80	99	98	100	91	91	73	72	100
81	63	66	69	83	79	100	107	100	94	83	74	67	107
82	67	69	66	78	81	91	99	96	88	81	67	67	99
83	55	59	67	71	78								
MEAN	60.3	64.4	70.0	77.1	83.3	92.4	95.9	94.4	88.0	81.7	70.1	64.0	97.4
S.D.	5.11	5.569	4.791	2.833	3.404	4.583	3.655	4.067	3.429	2.251	4.941	5.296	3.717
TOTAL OBS	632	621	713	690	713	660	682	682	660	682	660	641	8126

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

2

GLOBAL CLIMATOLOGY BRANCH
1000 ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

724695 DUCKLEY ANGB CO
STATION

61-83

YEARS

WOLF DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
61			15	1	31	43	47	52	25	22	11	-1	
62	-21	-13	1	17	29	40	51	44	29	29	17	-2	-21
63	-30	0	5	27	34	45	56	52	43	26	20	-7	-30
64	1	0	6	18	27	42	55	45	30	25	16	-14	-14
65	1	-2	-7	27	25	43	51	48	25	32	20	5	-7
66	-5	0	9	13	27	42	54	48	34	19	7	1	-6
67	5	5	5	24	25	45	52	47	38	23	7	-6	-1
68	-7	8	14	12	29	41	48	48	38	23	10	-8	-8
69	-5	12	-2	27	34	36	52	55	45	5	15	3	-1
70	-7	15	10	19	27	40	54	55	32	21	9	9	-7
71	-9	-1	4	22	33	41	43	47	24	13	11	-1	-9
72	-19	-2	13	25	28	46	42	47	38	16	6	-16	-19
73	-3	4	13	10	28	38	48	50	33	27	15	-2	-9
74	-7	6	12	19	36	34	52	46	30	28	2	5	-7
75	-14	-6	-5	3	30	37	52	48	34	23	3	7	-14
76	-1	1	-3	25	33	39	50	48	35	15	-11	4	-11
77	-2	12	12	20	36	50	53	47	40	22	-1	-3	-2
78	0	5	-5	22	19	40	50	48	29	23	11	-15	-15
79	-1	2	17	16	26	40	50	45	35	21	7	7	-17
80	-4	4	3	20	33	42	53	47	39	21	15	15	-4
81	1	-8	14	23	34	42	53	51	44	25	15	11	-4
82	2	-14	15	22	30	38	51	51	40	29	9	3	-14
83	14	14	14	6	28								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2495 BUCKLEY ANGR CO 74-83 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 000-0000
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	1.0	.3	.1							1.4	6.4
NNE	.3	.3	.4	.5								1.5	7.8
NE	.0	.4	.2	.2	.1							1.5	6.8
ENE	.1	.3	.5	.1								1.1	6.7
E	.4	.9	.5	.2								2.3	6.2
ESE	.8	1.4	.9	.3	.1							3.9	6.2
SE	1.2	2.0	2.3	.5	.1							6.3	6.4
SSE	.6	2.7	1.4	.9								5.6	6.8
S	3.7	13.9	14.3	4.2	.3	.1						30.3	7.1
SSW	1.2	4.4	1.7	1.6	.2							9.1	7.0
SW	.4	1.1	1.1	.2								2.8	6.3
WSW	.7	1.0	.3	.2		.1						1.9	7.1
W	1.3	1.5	.5	.5	.3	.1						4.3	7.1
WNW	.6	.2	.8	.6	.1							2.9	7.9
NW	.3	.0	.4	.2								1.7	6.8
NNW	.2	.6	.3									1.2	6.0
VARBL													
CALM												14.2	
	12.0	34.1	26.5	10.8	1.4	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 232

UNITED STATES CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 124895 LUCKLEY AFB CO STATION NAME 74-83 YEARS JAN
CLASS ALL WEATHER HOURS (LST) 0000-2500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	1.0	.7								3.2	6.2
NNE	.7	.4	.1	.7								1.4	6.5
NE	.4	.3	.2	.2								1.2	6.2
ENE	.1	.3	.5	.2								1.2	7.7
E	.9	1.1	.5	.2								2.5	5.7
ESE	.7	1.1	.4	.2								1.9	6.7
SE	1.0	1.3	1.3	.8								4.3	6.6
SSE	1.2	2.3	1.3	.5	.2							5.5	6.6
S	1.1	14.7	14.2	4.8	.2	.1						37.2	7.3
SSW	1.6	4.3	4.2	1.2								11.3	6.9
SW	1.1	2.2	1.1	.8	.1							5.2	6.5
WSW	.5	1.7	.5	.2	.1							2.5	6.3
W	1.2	1.0	.6	.4	.2							3.5	6.5
WNW	.4	.9	.3	.3	.2							2.2	7.3
NW	.5	.4	.2	.3								1.6	8.0
NNW	.4	.5	.4	.1								1.7	5.9
VARBL													
CALM												13.7	
	14.1	33.2	26.9	12.9	1.4	.1						100.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

124695 BUCKLEY ANGB CO 74-53 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 2677-7877
HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.9	.1								2.3	6.5
NNE	.2	.2	.4	.3								1.3	6.2
NE	.2	.4	.3	.4								1.4	7.8
ENE	.4	.1	1.0		.1	.1						1.7	7.8
E	1.3	1.2	.4	.4								3.3	5.4
ESE	.5	.8	.2	.3								1.9	5.7
SE	.4	1.5	1.2	.4								3.5	6.7
SSE	.5	1.1	1.6	.3	.1							5.9	6.4
S	2.7	16.9	15.6	4.6	.5							40.5	7.3
SSW	1.2	4.6	4.2	1.1								11.1	6.8
SW	.5	2.3	.9	.4	.2							4.4	6.7
WSW	1.3	1.6	.4	.3								3.7	5.3
W	.5	.6	.5	.4	.2	.1						3.0	5.7
WNW	.2	.8	.3	.4	.2							1.8	8.5
NW	.2	.1	.3									.6	5.7
NNW	.5	.6	.4	.1								1.7	5.2
VARBL													
CALM												11.7	
	12.0	35.4	28.7	10.4	1.5	.2						120.0	6.1

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 72459 SNICKLEY ANGB CO STATION NAME 74-83 YEARS JAN 1990-1990
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.9	.9	.3	.1						5.1	7.5
NNE	.4	1.1	.6	.3	.2							2.7	7.5
NE	.3	1.2	.5	.3								2.6	5.6
ENE	.1	.5	.8	.4								1.9	8.2
E	.0	1.4	.9	.5	.1							3.8	6.6
ESE	1.0	1.5	1.8									4.3	5.7
SE	.5	1.5	.9	.3								3.2	6.2
SSE	1.0	2.3	1.1	.2								4.5	5.5
S	2.0	7.7	9.5	5.8	.5	.1						25.2	8.2
SSW	1.7	5.1	4.7	1.9	.1	.1						13.7	7.1
SW	1.6	2.7	1.9	.1								5.3	5.3
WSW	.9	1.7	1.0	.4								4.7	6.1
W	1.4	1.1	.9	1.2	.6	.1						5.3	8.8
WNW	.3	.4	.5	.5	.2	.2						2.3	10.3
NW	.6	1.1	.3	.3								2.4	5.7
NNW	.4	1.3	.5	.5	.1							2.9	7.4
VARBL													
CALM												10.0	
	14.8	32.0	26.8	13.9	2.3	.6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 933

SE - AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 WICKLEY ANGB CO 74-83 JAN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1222-1400
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.3	3.4	2.6	.2							12.3	7.3
NNE	1.5	2.5	1.0	.6	.1							5.7	6.2
NE	1.2	2.3	.6	.3								4.4	5.4
ENE	1.1	1.6	1.6	.4	.2							4.9	7.1
E	1.1	2.7	1.5	.8								6.3	6.6
ESE	1.0	2.4	1.7	.4	.1							5.6	6.5
SE	1.1	1.2	1.5	.7	.2							4.5	7.2
SSE	.5	1.2	.9	.2	.3							3.1	7.6
S	2.6	3.2	4.0	2.5		.2						12.4	7.5
SSW	1.5	1.4	2.0	1.1	.1							6.1	7.1
SW	1.7	1.4	.8	.4	.1							3.7	6.4
WSW	.3	.6	.4	.3	.1							1.3	7.9
W	1.2	1.0	1.0	1.6	.3	.2						5.3	4.3
WNW	1.0	.3	1.1	1.9	.9	.3	.1					5.6	12.0
NW	.5	1.2	.8	1.4	.2	.1						4.3	9.1
NNW	2.0	1.3	1.0	.8	.2							5.3	6.2
VARBL													
CALM												9.3	
	14.8	28.0	23.2	15.9	3.1	.9	.1					170.3	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

124595 STATION 0UCKLEY ANGB CO 74-83 YEARS JAN NORTH
ALL WEATHER CLASS 1500-1700 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.1	3.8	1.5	.1	.2						13.3	6.4
NNE	.2	1.7	.5	.8								3.3	6.5
NE	.6	2.0	.9	1.1								5.7	6.6
ENE	1.0	2.2	1.8	.8								5.7	6.7
E	1.4	3.4	3.4	.9								9.1	6.6
ESE	1.1	1.9	1.8	.8								5.6	6.8
SE	.0	2.7	1.7	.6								5.9	6.3
SSE	.5	.9	1.8			.1						3.3	7.0
S	.2	2.9	1.8	1.4	.5	.1	.1					7.7	8.4
SSW	.3	1.0	.4	.6	.3							2.7	6.6
SW	.1	.5	.4			.1						1.2	7.4
WSW	.5	.4	.4	.1								1.6	5.6
W	.6	1.0	1.4	.9	.5							4.5	6.8
WNW	.2	1.1	1.2	1.7	.8	.4	.1					5.5	12.5
NW	.9	1.2	1.4	1.2	.6	.1						5.4	9.3
NNW	1.5	2.0	1.8	.6		.1						6.2	6.4
VARBL													
CALM												12.7	
	15.4	30.0	24.7	12.9	2.9	1.2	.2					120.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 AFPTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695 BUCKLEY ANG CO 74-63 JAN
 STATION STATION NAME YEARS MONTH
ALL WEATHER
 CLASS
1970-2000
 DATES (L & T)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	1.2	.6	.4	.1	.2	.1				3.4	3.1
NNE	.6	1.1	.8	.5	.2							2.8	5.3
NE	.1	1.7	.9	.8								3.9	6.6
ENE	1.0	1.3	1.3	.1		.1						3.3	6.2
E	2.0	1.9	1.5	.3	.1	.1						6.0	5.8
ESE	1.5	3.5	1.8	.4								7.4	5.9
SE	1.7	3.1	3.7	1.4								8.8	7.0
SSE	1.7	2.6	2.3	.3								6.5	6.2
S	2.4	6.1	6.7	2.2								16.5	6.7
SSW	1.3	1.3	.6	.6	.1	.1	.1					4.7	7.1
SW	1.2	1.2	1.2	.1								3.7	5.1
WSW	.1	.5	.6									1.7	2.6
W	.5	1.4	1.5	.9								4.5	7.4
WNW	.4	.5	.6	1.1	.4	.1						3.2	10.5
NW	.6	.8	.9	.4								2.7	6.8
NNW	.9	1.5	.2	.1								2.7	4.8
VARBL													
CALM												13.7	
	17.1	32.6	24.5	9.9	1.3	.5	.3	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 124595 UCKLEY ANG CO STATION NAME 74-83 YEARS JAN MONTH 2177-2370 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.2	.4								2.6	7.3
NNE		.6	.9	.3								2.4	6.6
NE	.1	.4	.7	.1								1.5	7.1
ENE		.1	.5	.5	.2							2.5	8.0
E		.7	.9	.5								2.8	6.8
ESE		2.6	1.2	.6	.2							5.5	6.9
SE	.4	2.8	1.9	.6								5.9	6.7
SSE	.9	2.7	2.7	.4								6.0	6.1
S	3.0	11.0	13.8	3.2	.4							22.4	7.2
SSW	1.7	3.1	1.7	.3	.1							7.1	5.7
SW	.0	1.5	.6	.9								3.9	6.6
WSW	1.2	1.4	.8	.3								3.7	5.7
W	1.7	1.5	.9	.1	.3							4.9	7.6
WNW	.4	.6	.3	.8								2.2	8.3
NW	.5	.3	.2									1.1	4.8
NNW	.5	.6	.1	.3								1.7	5.9
VARBL													
CALM												14.0	
	14.0	32.6	27.6	10.5	1.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 024595 BUCKLEY ANG CO STATION NAME 74-23 YEARS JAN MONTH ALL HOURS (L & T) ALL

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	1.6	.8	.1	.1	.0	.0				6.2	7.1
NNE	.0	1.0	.6	.5	.1							2.7	7.2
NE	.0	1.2	.6	.4	.0							2.8	6.4
ENE	.0	.9	1.0	.3	.1	.0						2.3	7.1
E	1.1	1.7	1.2	.5	.0	.0						4.5	6.3
ESE	.0	2.0	1.2	.4	.1							4.5	6.3
SE	.0	2.1	1.7	.7	.0							5.4	6.7
SSE	.0	2.2	1.5	.4	.1	.0						5.1	6.4
S	2.5	2.8	9.9	3.6	.7	.1	.0					26.3	7.4
SSW	1.0	3.2	2.5	1.1	.1	.0	.0					8.2	6.9
SW	.0	1.6	1.5	.4	.1	.0						3.9	6.1
WSW	.7	1.0	.6	.2	.0	.0						2.6	6.1
W	1.0	1.1	.9	.9	.3	.1						4.4	6.2
WNW	.0	.6	.6	.9	.3	.1	.0					3.1	12.4
NW	.0	.7	.5	.5	.1	.0						2.5	7.8
NNW	.0	1.1	.6	.3	.0	.0						2.9	6.1
VARBL													
CALM												12.4	
	14.9	32.2	26.1	11.9	1.9	.5	.1	.0				170.2	6.2

TOTAL NUMBER OF OBSERVATIONS 7492

GLOBAL CLIMATOLOGY BRANCH
 AFAC ETAC
 AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724-95 STATION 74-83
 STATION NAME YEARS
 ALL-WEATHER CLASS
 1977-1979 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.2	1.1	.1	.2						3.9	9.2
NNE	.7	.7	.2	.6	.1							2.1	7.2
NE	.4	.6	.2	.1								1.3	5.5
ENE	.7	.7	.1	.4								1.7	6.0
E	.7	.7	.5	.4								2.2	6.7
ESE	.4	1.1	.4	.1								1.2	5.8
SE	.6	1.3	1.1	.8								3.9	7.1
SSE	.6	2.1	1.7	.4								5.1	6.1
S	1.0	18.3	13.2	3.8	.4							37.5	7.2
SSW	1.2	5.8	3.0	1.3								11.2	6.5
SW	1.9	1.7	1.1	.4	.2							5.2	5.7
WSW	1.7	.6	.8			.1						2.8	5.5
W	.4	1.9	.2	.2								2.7	5.6
WNW	.6	.2	.6	.7	.1							2.1	5.9
NW	.1	1.2	.5	.1								1.2	6.1
NNW	.7	1.2	.9	.6								3.2	7.2
VARBL													
CALM												11.3	
	11.5	38.8	25.7	10.9	.9	.4						122.2	6.7

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 24995 STATION NAME BUCKLEY AFB CO YEARS 74-83 MONTH FEB
CLASS ALL WEATHER HOURS (LST) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	.9	.7	.4							4.7	7.1
NNE	.5	.9	.2	.1		.1						1.9	6.1
NE	.5	.7										1.5	3.4
ENE	.1	.6	.1									.8	4.7
E	.2	1.1	.4									1.7	5.1
ESE	.2	.6	.2									1.3	5.2
SE	.2	1.9	1.1	.5								3.9	6.2
SSE	.5	2.2	1.1	.4								4.1	6.2
S	2.7	17.7	16.5	3.5	.4							40.9	7.0
SSW	.9	4.0	3.4	.8	.1							9.2	6.9
SW	1.9	2.7	.6	.2								5.4	4.7
WSW	1.5	1.1	.4	.2								3.2	4.6
W	.5	1.5	.9		.2							2.2	6.5
WNW	.5	.9	.4	.4								2.5	6.5
NW	.2	.9	.7	.2		.1						2.2	7.5
NNW	.5	.4	.5	.1								1.4	6.2
VARBL													
CALM												11.9	
	13.0	39.1	27.4	7.2	1.1	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 846

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 024695 NAME LUCKLEY ANG CO YEARS 74-83
CLASS ALL WEATHER HOURS (LST) 0600-1800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.5	.5	1.2	.2							3.7	8.0
NNE	.5	.4		.2	.1							1.5	6.2
NE	.7	.5	.1	.1								1.4	4.5
ENE	.7	.5	.5									1.4	4.5
E	.5	.5	.1	.4								1.5	6.4
ESE	.5	.7	.2	.1								1.5	5.2
SE	.6	1.3	.9	.5								3.3	6.5
SSE	1.3	2.1	1.1	.4								4.3	5.5
S	7.3	15.4	15.2	4.1		.2						38.3	7.0
SSW	7.2	3.2	3.8	1.5								15.8	6.8
SW	1.3	1.9	1.4	.2								4.7	5.6
WSW	1.1	1.3	.5	.4								3.2	5.4
W	1.3	1.1	1.1	.5	.1							4.2	6.4
WNW	.5	1.8	.4	.5	.1	.1						3.4	7.0
NW	.5	.5	.6	.1	.4							2.2	6.4
NNW	.2	1.1	.5	.1	.1							2.2	6.5
VARBL													
CALM												12.1	
	14.7	32.6	27.2	17.3	1.1	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 704695 JUCKLEY ANG CO STATION NAME 74-93 YEARS FEB MONTH 1977-1120 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	1.4	.5	.6							5.9	7.8
NNE	.1	1.4	.4	.2	.1							2.2	7.2
NE	1.1	.0	.6	.4	.1							3.1	6.5
ENE	.0	1.3	1.2	.2								3.2	6.1
E	.7	.9	.7	.6								3.2	6.6
ESE	.0	.0	.4	.6								2.6	7.7
SE	.4	1.0	.8	.8								3.8	7.2
SSE	.4	1.1	.9	.4								2.7	7.5
S	2.5	7.0	8.0	4.4	.2	.1						22.2	7.7
SSW	1.9	4.1	5.3	1.8	.1	.1						13.4	7.2
SW	1.0	2.2	2.5	.7	.1							6.6	6.6
WSW	.0	1.9	1.2	.6	.1							4.4	6.9
W	1.2	2.0	1.7	1.3	.5							7.2	7.9
WNW	.5	.0	.4	.9	.6	.1						3.4	10.2
NW	.5	1.1	1.1	.9	.5							4.7	9.5
NNW	.2	.0	1.8	.7		.4						3.9	9.6
VARBL													
CALM												8.4	
	13.8	30.6	27.8	15.7	3.2	.7						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 124695 SUCKLEY ANGB CO STATION NAME 74-83 YEARS 1200-1970 MONTH 1200-1970
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.6	3.2	2.1	.6	.5		.1				12.3	8.6
NNE	1.4	2.1	.7	.9	.1	.1						5.3	6.6
NE	1.4	1.5	1.7	.9	.1	.1						5.3	7.5
ENE	1.5	1.9	1.8	1.2								6.4	6.9
E	1.2	3.9	2.8	1.3	.1							8.8	7.1
ESE	.4	1.4	2.6	.6								5.2	5.1
SE	1.6	2.7	2.2	.9								7.7	6.5
SSE	.4	1.2	.9	.6	.1	.1						3.3	5.3
S	1.3	2.6	1.5	2.1	.2							7.8	8.5
SSW	.6	1.1	.6	.1								2.6	5.9
SW	.1	1.1	.6	.7		.1						3.1	6.0
WSW	.5	1.3	.5	.5	.1	.1						3.2	7.6
W	.5	.2	1.8	1.2	.4							4.4	9.2
WNW	.7	.6	1.4	1.5	.7	.1						5.1	11.2
NW	.6	1.1	1.9	1.5	.9	.5						6.5	11.0
NNW	.7	3.7	1.8	1.5								7.2	7.6
VARBL													
CALM												5.7	
	10.0	29.4	26.2	16.1	3.4	1.7		.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 886

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

104895 STATION 100KLEY ANG3 CO 74-93 YEARS FEB MONTH
ALL WEATHER CLASS 1500-1700 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.8	2.5	2.1	.7	.2						11.0	8.1
NNE	.6	1.2	1.5	.7	.2	.1						4.4	8.5
NE	.0	1.7	2.4	.8								5.2	7.3
ENE	1.3	1.9	3.0	.9								7.5	6.7
E	1.6	3.8	4.1	2.1								11.8	7.3
ESE	1.4	3.0	2.9	1.1								8.3	6.8
SE	1.1	2.4	2.2	1.1								7.3	7.0
SSE	.9	.6	1.3	.6	.2							3.1	6.8
S	.7	1.2	.9	.6		.2	.1					3.5	6.8
SSW	.6	.5	.1	.4	.1							1.7	7.3
SW			.2	.1	.1	.1						.6	15.0
WSW	.2	.4	.9	.1	.1							1.8	7.8
W	.4	1.3	1.4	1.3	.6							5.0	9.7
WNW	.5	.6	1.8	2.7	.7	.2	.1					6.6	11.8
NW	.2	2.0	2.7	1.3	1.1	.1						7.4	9.9
NNW	1.7	1.4	2.4	1.5	.4	.2						7.6	8.5
VARBL													
CALM												6.4	
	14.8	24.6	31.0	17.5	4.3	1.3	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 896

U.S. NAVAL CLIMATOLOGY BRANCH
 U.S. NAVY
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 704595 JUCKLEY ANG CO STATION NAME 74-23 YEARS FEB MONTH 1800-2000 HOURS (L & T)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.3	1.1	.2	.5						6.5	8.1
NNE	.5	.5	.2	.5		.1	.1					2.4	8.3
NE	.4	1.2	.5	.4	.2	.1						3.0	8.1
ENE	1.1	1.7	.8	.4								3.9	5.5
E	1.5	3.7	1.7	.4								6.5	5.7
ESE	.1	3.5	1.3	.5								5.3	6.2
SE	1.4	5.7	3.8	1.8								12.6	6.6
SSE	.7	3.5	2.1	1.1	.2							7.7	7.1
S	1.7	6.7	4.0	2.4	.1							14.9	7.0
SSW	.4	1.4	.4	.2								2.4	5.6
SW	.5	1.2	.4	.1								2.1	5.2
WSW	.8	.6	.2									1.7	4.2
W	.9	2.6	.6	.5								4.6	5.4
WNW	.9	1.3	1.0	.8	.4	.1						5.3	6.2
NW	1.1	1.7	2.1	1.1								6.1	7.4
NNW	1.2	1.5	.7									3.4	4.9
VARBL													
CALM												11.0	
	15.5	38.5	21.9	11.0	1.2	.8	.1					172.0	5.9

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION 724595 LUCKLEY ANG CO STATION NAME 74-83 YEARS FEB MONTHS 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	1.3	.7	.5	.1						4.3	9.3
NNE	.4	.2	.6	.1	.1							1.4	7.9
NE	.2	.9	.7	.2								2.4	6.1
ENE	.4	.5	.4	.2								1.4	6.6
E	.4	1.4	.8	.4								3.0	6.4
ESE	.6	1.5	1.3	.2								3.9	6.0
SE	1.1	2.1	1.4	.2								4.9	5.9
SSE	.8	3.8	3.3	.5	.1							6.5	6.7
S	1.3	14.1	14.1	4.4	.2							35.1	7.2
SSW	.6	3.1	2.6	.4	.1							7.0	6.3
SW	.8	2.6	.7									3.9	5.0
WSW	.5	1.3	.6	.1								2.5	5.3
W	.6	1.2	.9	.2								3.3	5.9
WNW	.1	.5	1.3	1.3								3.3	9.5
NW		.4	1.2	.6								2.1	9.2
NNW	.5	.7	.4									1.5	4.7
VARBL													
CALM												10.5	
	11.6	35.5	31.6	9.6	1.1	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 646

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 124695 BUCKLEY ANGB CO STATION NAME 74-83 YEARS FEB NORTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	1.6	1.2	.4	.2		.0				6.6	8.3
NNE	.5	1.0	.5	.4	.1	.1	.0					2.7	7.4
NE	.1	1.0	.8	.4	.1	.2						3.0	6.5
ENE	.3	1.1	1.0	.4								3.3	6.3
E	.4	1.8	1.4	.7	.0							4.7	6.7
ESE	.0	1.6	1.2	.5								3.8	6.7
SE	.9	2.4	1.8	.8								5.9	6.6
SSE	.7	2.1	1.6	.5	.1	.0						4.9	6.8
S	2.2	10.4	9.2	3.2	.2	.1	.0					25.2	7.2
SSW	1.1	2.2	2.4	.8	.1	.0						7.3	6.7
SW	1.0	1.7	.9	.3	.1	.0						4.2	6.2
WSW	.8	1.0	.6	.2	.0	.0						2.8	6.0
W	.2	1.6	1.1	.7	.2							4.3	7.3
WNW	.6	.9	1.0	1.1	.3	.1	.0					4.0	5.5
NW	.4	1.1	1.3	.7	.4	.1						4.0	8.1
NNW	.7	1.3	1.1	.6	.1	.1						3.7	7.5
VARBL													
CALM												9.7	
	14.0	33.7	27.3	12.5	2.0	.7	.0	.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695 BUCKLEY ANGB CO

74-83

WAF
BORTH

ALL WEATHER
CLASS

1000-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	1.3	1.0	.4	.1						4.5	5.2
NNE	.5	.9	.8	.3								2.5	6.7
NE	.5			.3								.9	5.8
ENE	.4	.4	.1	.2								1.2	5.3
E	1.2	.4	.6	.2								2.5	5.6
ESE	.2	.9	.4	.1								1.6	5.9
SE	.5	1.1	1.2									2.9	6.0
SSE	.6	2.8	3.2	.5	.1							7.3	7.0
S	3.2	14.6	11.9	5.3	.5	.3	.1					36.0	7.6
SSW	.9	3.7	1.6	1.1	.1							7.3	6.8
SW	.6	2.0	.6		.1							3.4	5.5
WSW	1.1	1.2	.5	.4	.2							3.4	6.7
W	1.1	1.6	1.6	.9	.1	.1						5.4	7.4
WNW	.2	.2	.6									1.6	6.1
NW	.1	.5	.9	.2								1.7	7.3
NNW	.3	.9	1.0	.9	.4	.1		.1	.2			3.9	12.9
VARBL													
CALM												13.9	
	12.6	32.6	26.5	11.4	2.0	.5	.1	.1	.2			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695 BUCKLEY ANGB CO 74-83 4A2
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.9	.8	1.0	.3	.4						4.2	5.9
NNE	.1	.5	.4	.1								1.4	6.4
NE	.3	.5	.5	.2								1.8	6.7
ENE	.0	.3	.4	.2	.1							1.8	6.2
E	.0	.6	.1									1.7	5.4
ESE	.4	.5	.6	.4								2.3	6.9
SE	.4	1.7	.9									3.7	5.3
SSE	.0	2.5	1.9	.5	.1	.1						5.9	6.8
S	.3	13.5	13.5	4.3	.3	.2						35.3	7.2
SSW	1.0	3.3	2.5	1.0	.7							5.9	6.7
SW	.6	1.9	.6	.2	.1							3.4	5.9
WSW	.0	.6	.6	.7	.1							2.6	6.8
W	1.0	.9	.9	1.2	.4							4.3	8.7
WNW	.3	.0	.5	.3	.1							2.2	7.7
NW	.9	1.1	1.2	.1	.1							3.3	6.5
NNW	.1	.5	1.0	.6	.3	.1	.2	.1	.2			3.3	14.8
VARBL													
CALM												15.3	
	10.5	31.1	20.5	10.6	2.4	.9	.2	.1	.2			172.7	6.3

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74495 STATION 74-83 MAP NORTH
STATION NAME YEARS
ALL WEATHER CLASS 2622-2822
HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.3	.9	.4	.2						3.7	9.8
NNE	.5	1.1	1.0	.5	.1							3.2	7.3
NE	.4	.9	.6	.4	.1							2.5	7.3
ENE	.4	.5	.2	.1								1.3	5.3
E	.8	1.1	.4									2.3	4.9
ESE	.5	1.0	1.1	.6								3.2	7.1
SE	.5	1.2	1.2		.1							3.0	6.3
SSE	.3	2.5	1.0	.2	.1							4.1	6.2
S	.3	10.2	15.9	3.1	.9	.2	.1					32.5	7.8
SSW	.9	4.4	3.9	1.1	.5							10.9	7.4
SW	1.5	1.5	1.6	.4								5.1	6.1
WSW	.5	1.1	.9	.3	.2							3.0	7.4
W	1.1	1.3	.1	.5	.3							3.3	7.5
WNW	.4	1.3	.8	.8	.1	.1						3.4	8.1
NW	.5	.5	.5	.3	.3							2.3	6.0
NNW	.6	1.2	1.2	.5	.3	.3		.1	.2			4.5	11.4
VARBL													
CALM												11.9	
	11.7	31.0	30.6	0.9	3.5	.9	.1	.1	.2			120.2	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 HUCKLEY ANG CO 74-83 MAC
STATION NAME YEARS
ALL WEATHER
CLASS
1977-1980
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	2.6	2.8	.8	.2		.1				6.7	8.8
NNE	1.0	1.2	1.2	.6	.4							4.5	8.0
NE	.2	1.4	.6	.9								3.3	6.7
ENE	.2	1.1	1.1	.4								2.8	7.2
E	.5	1.7	1.9	.5								5.1	6.8
ESE	.2	.6	1.2	.5	.2							3.3	7.7
SE	.4	1.3	.8	.5	.1							3.1	7.2
SSE	.4	1.6	1.5	.2								3.8	6.3
S	.2	4.4	4.4	2.7	.5	.5						13.3	9.0
SSW	.9	2.5	3.2	1.6	.4	.3	.1					9.0	9.3
SW	1.1	1.6	1.4	1.0	.4		.2	.1				6.0	8.7
WSW	1.7	1.4	1.5	.3	.5							5.1	7.5
W	.8	2.5	1.4	1.6	.8	.2						7.2	9.5
WNW	.9	1.0	1.0	.9	.8	.2						4.6	9.9
NW	.8	1.2	1.4	.6	.4							4.4	6.1
NNW	1.0	1.4	1.5	1.0	.1				.2	.1		5.3	9.9
VARBL													
CALM												9.0	
	13.7	26.5	26.7	16.3	5.5	1.5	.3	.2	.2	.1		100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724895 STATION BUCKLEY ANGB CO STATION NAME 74-83 YEARS MAR MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.5	3.3	2.8	1.0	.5	.2	.1				12.7	9.8
NNE	.6	1.4	2.0	1.1	.2	.2						5.6	9.0
NE	1.3	1.9	2.3	1.1	.3							6.9	7.4
ENE	.9	2.6	1.8	1.1								6.3	6.9
E	.5	2.7	1.8	1.2	.1							6.3	7.7
ESE	1.0	1.6	1.2	1.4	.1							5.3	7.4
SE	.5	1.5	1.8	1.3	.2							5.4	6.2
SSE	1.2	1.5	1.2	.9	.3							5.1	7.6
S	.5	1.0	1.6	1.4	.8	.6						5.9	11.4
SSW	.1	1.0	.6	.4	.1	.1	.2					2.6	10.7
SW	.2	.9	1.0	.5	.3	.2	.1	.3				3.5	13.4
WSW	.5	1.1	.4	.6	.2	.1						3.1	6.2
W	.5	.8	1.4	.9	.9	.4						4.9	11.6
WNW	.2	.9	1.7	2.0	1.2	.5	.1					6.7	12.9
NW	.3	1.1	1.7	1.6	1.0	.1						5.8	10.9
NNW	.9	1.2	3.2	1.4	.4			.2	.1			7.4	10.2
VARBL													
CALM												6.5	
	11.8	23.4	27.2	19.7	7.1	2.9	.6	.6	.1			120.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695 STATION 74-B3 4A3
BUCKLEY ANGB CO MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	4.9	2.7	1.0	.8	.1					14.2	9.6
NNE	.8	2.5	1.7	.9	.4	.1						6.5	7.9
NE	.2	1.5	1.5	1.2	.3							5.3	6.3
ENE	.4	2.6	3.0	.6								6.7	7.3
E	.6	1.9	3.4	1.6	.1							7.7	8.3
ESE	.4	1.1	2.4	1.3	.2							5.4	8.6
SE	.5	1.5	2.6	1.7	.3							6.7	9.0
SSE	.3	.9	1.0	1.0	.1	.1	.1	.2				3.5	11.4
S	.3	.4	.4	1.7	1.4	.4	.1					4.3	14.3
SSW	.3	.1	.2	.4	1.2	.3	.2					2.8	16.3
SW		.4	.5	.6	.5	.4						2.6	14.4
WSW	.1	.4	.2	.2	.4	.1						1.5	11.9
W	.6	.8	.6	1.4	.5	.4	.2					4.6	12.4
WNW	.2	.8	1.2	1.7	1.0	.2	.1					5.2	12.3
NW	.6	.6	1.5	2.4	.5	.2	.1	.1				6.1	11.7
NNW	1.1	2.5	3.2	2.3	.5	.3	.2		.1			10.2	10.1
VARBL													
CALM												6.2	
	5.6	21.3	28.5	21.7	8.6	3.4	1.2	.3	.1			100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695 STATION 74-63 74-63 NORTH
BUCKLEY ANGB CO STATION NAME YEARS
ALL WEATHER CLASS 1800-2000 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	1.5	2.0	.6	.4	.1					7.6	10.3
NNE	.5	1.4	.9	1.4	.6	.1	.1					5.2	10.1
NE	.9	1.5	1.1	.4	.3	.1						4.3	6.1
ENE	.2	1.8	.9	.5								4.0	6.4
E	2.3	2.9	1.5	.8								7.3	5.8
ESE	1.3	1.4	1.2	.6	.1							5.1	6.3
SE	1.0	2.2	2.6	2.2	.1							8.0	6.2
SSE	1.0	1.8	2.4	2.2	.2							7.5	6.6
S	1.0	4.9	3.1	1.9	1.1	.4	.1					12.6	9.3
SSW	.5	.5	.6	1.0	.3	.1						3.1	9.8
SW	.8	.6	.5	.6								2.6	7.6
WSW	.2	.5	.3	.8	.1							2.4	6.0
W	.8	1.8	1.3	1.8	.9							6.6	9.4
WNW	.4	1.5	1.0	.8	.1	.1						3.9	7.9
NW	.5	1.4	1.1	.8	.2	.2	.3					4.5	10.2
NNW	.6	.6	1.6	1.4	.2	.2						4.7	10.0
VARBL													
CALM												10.8	
	14.4	26.9	21.5	10.1	4.9	1.7	.6					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 BUCKLEY ANG3 CD 74-83 MAC
STATION STATION NAME YEARS MONTH
ALL WEATHER 2177-2377
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	2.2	1.4	.6	.1						6.6	5.3
NNE	.5	1.2	1.1	.3								3.1	6.3
NE	.4	.7	.6	.3								2.2	6.7
ENE	.6	1.7	.4									2.2	4.7
E	.6	1.5	.3	.1								2.6	4.7
ESE	.9	1.0	.9	.3								3.2	6.3
SE	.4	1.8	1.9	.3	.3							4.3	7.8
SSE	.6	2.0	3.3	1.7	.1							7.8	6.3
S	3.1	9.7	10.3	6.2	1.5	.1	.1					31.1	6.4
SSW	1.2	1.6	1.7	.6								5.2	6.3
SW	1.1	1.7	.2	.4	.1							3.5	5.8
WSW	.5	1.0	.8	.4								2.7	6.7
W	.8	1.6	1.2	.9	.2							4.6	7.7
WNW	.3	1.3	.5	.3								2.5	6.2
NW	.5	1.3	.9	.5		.1						3.3	7.4
NNW		.5	1.7	1.3	.2	.1		.2	.1			3.4	13.7
VARBL													
CALM												11.5	
	12.6	29.4	27.3	15.3	3.1	.4	.1	.2	.1			170.7	6.9

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 124095 STATION NAME BUCKLEY ANGB CO YEARS 74-83

MAP NORTH

ALL WEATHER CLASS

ALL HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	2.1	1.8	.4	.3	.1	.0				7.9	9.3
NNE	.5	1.3	1.1	.7	.2	.1	.0					4.0	9.1
NE	.7	1.1	.9	.6	.1	.0						3.4	7.4
ENE	.6	1.3	1.0	.4	.0							3.3	6.6
E	.9	1.6	1.3	.6	.0							4.3	6.7
ESE	.7	1.1	1.1	.7	.1							3.5	7.2
SE	.0	1.5	1.6	.8	.1							4.5	7.7
SSE	.7	1.9	1.9	.9	.1	.0	.0	.0				5.6	7.8
S	1.8	7.4	7.7	3.3	.9	.4	.1					21.4	8.3
SSW	.5	2.1	1.5	.5	.4	.1	.1					6.2	8.2
SW	.7	1.4	.8	.5	.2	.1	.0	.1				3.8	8.2
WSW	.7	.9	.7	.4	.2	.0						3.0	7.6
W	.0	1.4	1.1	1.1	.5	.1	.0					5.1	7.3
WNW	.4	1.0	.9	.8	.4	.1	.0					3.7	9.9
NW	.5	1.0	1.1	.6	.3	.1	.1	.0				3.9	9.3
NNW	.6	1.1	1.7	1.2	.3	.1	.1	.1	.1	.0		5.3	11.1
VARBL													
CALM												10.5	
	12.3	27.8	26.8	15.5	4.7	1.5	.4	.2	.1	.0		100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7492

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 124595 STATION NAME WICKLEY ANG CO YEARS 74-83 MONTH APR
CLASS ALL WEATHER HOURS 0000-2359
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	1.4	1.2	.4							5.3	5.3
NNE	.1	.3	.3	.3		.1						1.2	9.5
NE	.1	.3	.3	.1								1.5	7.7
ENE	.1	.3	.6	.2								1.4	6.6
E	.4	1.0	1.0									2.4	6.0
ESE	.4	1.4	.4	.2								2.6	5.7
SE	.4	2.0	.8	.2								3.4	5.8
SSE	1.3	3.0	2.3	1.6	.1	.1	.3					8.4	6.5
S	.6	13.6	14.1	7.4	1.7	.3	.1					39.9	6.7
SSW	.7	3.0	1.8	1.3	.3							1.1	7.7
SW	.9	.9	.9	.1								2.8	5.7
WSW	.4	1.0	.7		.1							2.7	5.2
W	1.2	1.3	1.2	.8	.1							4.7	6.9
WNW	.1	.2	.8	.2	.1							1.7	8.2
NW	.1	.8	1.0	.2								2.6	6.8
NNW	.7	1.1	1.4	.9								4.1	7.5
VARBL													
CALM												5.1	
	11.0	31.6	29.9	14.9	2.9	1.0	.4					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

APP
MONTH

ALL WEATHERED
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	1.2	2.2	.3							5.1	6.9
NNE	.4	.6	.2	.3	.1							1.7	7.4
NE	.2	.7	.4	.2								1.5	7.2
ENE	.2	.4	1.2	.1								2.0	7.3
E	.0	1.4	.3	.1								2.8	5.5
ESE	.7	1.1	.3	.2								2.0	6.0
SE	.0	1.4	.3	.1								2.4	5.3
SSE	.6	3.6	1.6	1.6		.2						7.4	7.7
S	2.7	16.3	12.8	5.0	1.6	.3						39.1	7.9
SSW	1.0	4.3	3.0	1.3	.3							10.2	7.2
SW	.0	1.3	.3	.2								2.7	5.4
WSW	1.0	1.0	.7	.1								3.6	5.0
W	.2	.7	1.2	.7								2.8	8.1
WNW	.4	.3	.6	.4	.1							1.9	7.6
NW	.1	.3	.4	.3	.1							1.3	9.8
NNW	.0	.6	.8	.8	.2	.1						3.4	6.5
VARBL													
CALM												9.2	
	10.0	36.8	25.4	13.8	2.8	1.1						100.2	6.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 124595 JUCKLEY ANG3 CO STATION NAME 74-83 YEARS APR MONTH 2677-2822 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	2.0	1.4	.4							5.1	9.8
NNE	.5	.6	.9		.3							2.1	8.6
NE	.5	.2	.2	.3								1.1	6.9
ENE	.7	.8	.3	.2	.1							2.1	6.2
E	.6	1.7	.4	.2								2.9	5.6
ESE	.7	.6	.9	.2								2.7	6.8
SE	.3	.9	1.7		.1							2.3	6.8
SSE	.7	1.8	1.1	.9	.4	.1						5.2	8.1
S	2.7	9.8	9.8	3.4	1.1	.2						27.1	7.8
SSW	1.6	5.3	5.4	2.0	.2							14.6	7.4
SW	1.3	3.8	1.9	.4								7.1	6.0
WSW	1.4	2.1	.9	.3	.2							5.7	5.8
W	.9	1.6	1.3	.3	.2	.4						4.3	6.3
WNW	.5	.7	.6	.3	.2	.1						2.2	6.7
NW	1.0	.7	1.3	.6								3.6	6.6
NNW	.4	.7	1.6	1.3	.3							4.3	9.4
VARBL													
CALM												8.4	
	12.3	31.2	29.7	12.1	3.0	.9						120.2	6.9

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724595 STATION NAME BUCKLEY ANGB CO YEARS 74-83 MONTH APR
CLASS ALL WEATHER HOURS (L & T) 0900-1100
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.0	3.4	4.4	2.7	.8	.3						11.0
NNE	.2	1.4	1.6	.4								4.2
NE	.7	2.0	.4	.2								3.3
ENE	.8	1.0	.8	.7	.1							3.1
E	.9	2.7	1.1	.3	.1							2.1
ESE	.7	1.3	1.8	.4	.1							4.3
SE	.0	.9	.1	.3								3.2
SSE	1.1	.9	1.7	.6	.2	.2						4.7
S	.9	3.1	4.0	2.7	.9	1.1						12.7
SSW	.0	1.9	1.4	.9	.4	.3						5.9
SW	.9	1.3	2.1	.3	.3	.1						5.1
WSW	.7	1.4	.9	.3	.1							3.4
W	1.6	2.2	1.0	.4	1.0							6.2
WNW	1.6	.8	.9	.8	.6	.2	.2					5.2
NW	.6	1.1	1.4	.8	.1							4.2
NNW	.7	2.4	2.6	2.1	.2							6.0
VARBL												
CALM												6.9
	10.3	28.0	26.2	14.0	5.7	2.3	.2					120.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695 BUCKLEY ANG3 CO 74-83 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1277-1477
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.0	4.9	3.7	.8	.3						13.2	10.2
NNE	1.1	1.4	3.2	1.1	.3	.4						7.7	8.9
NE	.7	3.0	2.8	1.0		.1						7.6	7.3
ENE	1.1	1.7	1.9	.9	.2							5.8	7.4
E	2.4	3.6	3.2	1.8								11.0	6.8
ESE	.7	1.6	1.6	.7	.1							4.6	7.6
SE	.4	2.0	1.8	1.9	.8	.3						7.2	10.1
SSE	.2	1.2	1.1	1.3	.8	.2	.1					5.0	11.3
S	.6	.6	.9	2.2	.9	1.6	.1					6.8	14.7
SSW	.4	.6	.6	.4	.2	.1	.1					2.4	10.3
SW	.2	.6	.6	.7	.3	.2						2.6	11.1
WSW	.2	.4	.8	.4	.1							2.0	8.8
W	.3	1.7	.8	.8	.4	.7						5.1	10.2
WNW	.7	.7	1.0	.7	.9	.6	.1					4.6	12.4
NW	.4	.9	1.0	.9	.3	.3		.1				4.0	10.9
NNW	.9	1.8	2.8	2.3	.2	.1						8.1	8.7
VARBL													
CALM												2.4	
	11.4	24.6	28.8	20.8	6.4	5.7	.4	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 977

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 STATION 724595 BUCKLEY ANG3 CO STATION NAME 74-83 YEARS APR NORTH 1522-1720 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	4.8	3.4	1.7	.4	.1					13.3	9.9
NNE	.6	2.3	2.1	2.0	.3							7.3	8.5
NE	1.0	2.8	2.2	1.3	.1	.2						7.7	7.8
ENE	1.0	1.9	3.9	.9	.2							7.9	7.6
E	.7	2.8	2.9	2.3	.2							8.9	8.4
ESE	.2	1.7	1.0	1.6	.4							4.3	10.0
SE	.3	.1	1.1	1.7	.7	.2						4.8	11.7
SSE	.4	.8	1.2	1.6	1.0	1.8	.1	.3				7.2	15.6
S	.9	.4	.9	1.3	.7	.8	.1	.1				5.2	13.3
SSW	.3	.4	.6	.7	.4	.7	.2					3.3	14.4
SW	.1	.4	.2	.6	.2	.2						1.9	12.1
WSW	.1	.5	.9	.8	.1							2.4	9.7
W	.4	.6	1.0	1.6	.7	.3	.1					4.7	12.2
WNW	.2	.4	1.1	1.6	1.2	.2						4.8	13.5
NW	.1	.2	1.5	1.3	.7	.3						4.8	11.7
NNW	.4	2.1	1.9	1.6		.2						6.2	8.8
VARBL													
CALM												4.9	
	9.6	20.6	27.3	24.1	8.0	5.4	.7	.4				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 BUCKLEY ANGB CO 74-83 APR
STATION NAME YEARS MONTH
ALL WEATHER 1977-2000
CLASS NOVEL (L S T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	2.3	1.6	.4	.2						8.9	8.1
NNE	.7	1.4	1.2	1.4	.6	.1						5.4	4.4
NE	.7	1.9	1.3	.6	.2							4.7	7.5
ENE	1.0	2.3	2.8	.4								6.6	6.4
E	2.1	2.3	2.2	.8	.3							7.8	6.5
ESE	.4	2.9	1.7	1.2								6.2	7.1
SE	.2	1.8	3.4	1.8	.7	.1						8.2	9.5
SSE	.7	1.4	2.3	1.7	1.8	.8		.3				9.2	12.8
S	.4	1.9	2.1	1.6	1.5	.7						8.2	11.8
SSW	.1	.3	.6	1.3	.3	.2						2.9	12.9
SW	.5	.9	1.0	.6	.1							3.1	7.6
WSW	.4	.6	.6	.2								1.3	6.1
W		.7	1.6	1.2	.6							4.2	11.3
WNW	.7	.3	1.3	1.4	.4							4.2	10.3
NW	.1	1.3	1.0	.9	.1							3.4	8.3
NNW	.4	2.3	1.9	.8	.3							5.8	7.7
VARBL													
CALM												10.0	
	12.2	25.1	27.3	17.4	7.4	2.1		.3				120.7	8.2

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724695 BUCKLEY ANGB CO 74-83 APR
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.4	1.0	.3	.1						4.6	8.6
NNE	.2	1.3	1.4	.8	.3							4.1	5.9
NE	.3	.4	.9	.3	.3							2.3	9.2
ENE	.7	.6	1.0	.6								2.8	7.2
E	1.0	1.1	1.0		.1	.1						3.3	6.2
ESE	.6	2.7	.7	.7								3.5	5.8
SE	.4	2.3	3.4	1.6								7.8	7.9
SSE	.2	3.0	3.4	3.1	.8	.1		.2				10.9	10.1
S	1.8	8.1	8.4	6.6	1.7	.7	.1					27.3	9.2
SSW	1.2	2.3	1.8	.6	.2							6.1	6.5
SW	.7	1.0	.2	.3								2.2	5.6
WSW	1.0	.9	1.1									2.9	5.5
W	.3	1.2	.8	.9	.2							3.4	8.7
WNW	.6	.7	.7	.2								2.1	6.1
NW	.4	1.2	1.0	.1								2.8	6.0
NNW	.4	1.0	.6	.6	.1							3.4	7.5
VARBL													
CALM												10.3	
	10.7	28.8	27.9	16.9	4.1	1.0	.1	.2				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 WICKLEY ANGB CO 74-83 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	2.9	2.2	.6	.2	.0					0.8	9.3
NNE	.5	1.2	1.4	.8	.2	.1						4.2	8.6
NE	.5	1.4	1.1	.5	.1	.0						3.7	7.4
ENE	.7	1.1	1.6	.5	.1							4.2	7.1
E	1.1	2.1	1.5	.7	.1	.0						5.5	6.7
ESE	.5	1.5	1.0	.6	.1							3.7	7.2
SE	.5	1.5	1.5	.9	.3	.1						4.8	8.6
SSE	.0	2.0	1.8	1.5	.6	.4	.1	.1				7.2	12.5
S	1.5	6.7	6.6	3.8	1.2	.8	.1	.2				20.8	9.1
SSW	.8	2.3	1.9	1.1	.3	.2	.0					6.5	8.3
SW	.6	1.3	.9	.4	.1	.1						3.4	7.3
WSW	.7	1.1	.8	.3	.1							3.2	6.4
W	.7	1.2	1.1	.8	.4	.2	.0					4.5	9.1
WNW	.6	.5	.9	.7	.4	.1	.0					3.3	10.3
NW	.4	.9	1.1	.6	.2	.1		.0				3.3	8.8
NNW	.6	1.6	1.7	1.3	.2	.1						5.4	8.4
VARBL													
CALM												7.8	
	11.4	28.4	27.9	16.7	5.1	2.4	.2	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.5	1.1	.4	.2							4.0	7.1
NNE	.5	.8	1.0									2.3	6.0
NE	.4	.9	.8									2.0	5.5
ENE	.6	.5	.3									1.5	4.6
E	.6	1.3	.3	.2								2.5	5.3
ESE	.3	1.0	.4	.1								1.8	5.4
SE	.3	1.4	1.4	.4		.1						3.7	7.2
SSE	1.3	3.4	1.6	1.5	.3	.1	.1					8.4	7.6
S	2.5	11.1	10.9	7.6	2.7	1.0	.1					35.8	9.3
SSW	1.4	4.0	1.9	.9	.2							8.4	6.5
SW	1.5	1.6	1.1	.1	.1	.1						4.5	6.0
WSW	.2	.9	.5	.3								1.9	6.6
W	.5	.9	.2									1.7	4.2
WNW	.2	.5	.4									1.2	5.5
NW	.3	1.3	.6	.3								2.6	6.2
NNW	.3	1.5	1.8	.4	.1							4.2	7.5
VARBL													
CALM												13.5	
	11.9	32.6	24.4	12.4	3.7	1.3	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724595 STATION NAME BUCKLEY ANGB CO YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	1.7	.8	.1							4.2	7.9
NNE	.4	.5	.6	.1								1.7	5.7
NE	.3	.1	.3									.8	5.3
ENE	.5	.5	.3									1.6	4.5
E	.6	.9	.8	.2	.1							2.6	6.3
ESE	.2	.4	.2	.1								1.0	5.7
SE	.4	1.2	1.4	.2								3.5	6.3
SSE	.5	3.1	1.9	.5	.3	.1						6.6	7.3
S	3.2	14.6	11.2	4.7	2.2	.3						36.2	7.9
SSW	1.7	3.8	3.8	.9								10.1	6.5
SW	.9	1.9	1.2	.3								4.3	6.2
WSW	.5	.6	.2	.2								1.6	5.5
W	1.1	.8	.4	.1	.1	.1						2.6	6.0
WNW	.4	.6	.4		.1	.2						1.3	8.3
NW	.5	1.1	.1	.4		.1						2.3	6.5
NNW	.5	2.7	.6	.9								4.8	6.2
VARBL													
CALM												14.3	
	13.2	34.0	25.3	9.5	2.9	.9						120.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695 DJCKLEY ANGB CO 74-83 MAY
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

0600-0600
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	1.5	.9								4.9	7.5
NNE	.6	1.2	.6	.1								2.6	5.6
NE	.5	.2	.4	.4								1.6	7.6
ENE	.2	1.0	.4	.3	.2							2.2	6.0
E	.2	1.0	.8	.3								2.4	6.9
ESE	.5	.8	1.0	.4								2.3	6.8
SE	.5	1.1	.4	.6	.4							3.1	6.4
SSE	.7	.6	.8	.4								2.2	7.4
S	1.4	5.6	6.9	3.6	.6	.2						19.5	8.7
SSW	1.9	5.9	5.8	2.2	.4	.1						16.3	7.3
SW	1.2	4.7	3.5	.9	.1							10.6	6.2
WSW	1.0	2.4	1.4	.1								5.4	5.1
W	1.6	1.2	1.2	.2	.2	.2						4.6	6.6
WNW	1.3	.8	.8									2.8	4.3
NW	.8	1.0	.9	.3		.1						3.0	7.1
NNW	1.0	1.0	.5	.5	.1		.2					4.2	7.2
VARBL													
CALM												12.8	
	15.4	30.4	26.9	11.5	2.2	.6	.2					110.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.7	3.5	2.0	.3	.1						12.5	7.4
NNE	1.2	3.4	1.9	.8	.1							7.4	6.2
NE	.0	2.2	1.6	.4	.1							5.2	6.6
ENE	1.4	1.0	2.2	.4	.1	.1						6.0	7.0
E	1.6	2.2	1.0	.6	.2							5.6	6.1
ESE	.9	1.0	1.0	.4		.4						3.7	6.6
SE	.6	1.9	.3	.6	.1	.2						3.9	7.4
SSE	.6	.9	.8	.8	.2	.2						3.4	9.0
S	1.0	2.1	2.5	1.9	.6	.2						8.3	9.4
SSW	.8	1.6	1.2	1.6	.3							5.5	8.9
SW	1.1	1.2	1.3	1.2								4.7	7.3
WSW	1.1	1.5	.8	.3	.1							3.8	5.5
W	1.6	1.9	1.4	.3	.1	.3						5.7	6.7
WNW	.0	.9	.6	.6	.2	.2						3.3	6.8
NW	.8	.8	1.1	.1	.2							2.9	6.9
NNW	1.1	3.2	1.8	.5	.1	.4						7.2	7.3
VARBL													
CALM												11.0	
	17.0	31.2	22.9	12.8	2.9	2.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION BUCKLEY ANGE CO 74-83 MAY NORTH
1200-1400 HOURS (L.S.T.)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.6	4.1	3.0	.2	.2	.1					13.3	6.2
NNE	.7	2.6	3.1	.9	.2	.1						7.2	5.1
NE	.5	2.7	2.0	.5								6.0	6.4
ENE	.5	3.2	3.1	.9	.1							8.2	7.5
E	.9	2.3	3.0	1.3	.1							7.5	7.8
ESE	.4	1.2	1.2	.5	.5	.2						4.4	9.0
SE	.6	.6	2.2	1.3								4.7	8.3
SSE	.6	1.3	1.8	1.2	1.0	1.2	.1					7.2	12.3
S	.6	1.1	1.4	1.3	1.2	1.1	.1					6.8	13.2
SSW	.4	.2	.5	1.1	.3	.3						2.9	12.3
SW	.2	.4	.4	.2	.2	.1						1.9	8.8
WSW	.7	.5	.9	.9	.1							2.7	8.6
W	.7	1.5	.9	1.3	.5							4.0	10.0
WNW	.6	1.0	.9	.9	.1	.2						3.7	9.1
NW	.5	1.4	1.5	1.1	1.0	.1						5.7	9.8
NNW	.9	1.7	2.4	1.1	.8	.1						6.9	9.1
VARBL												6.5	
CALM													
	10.4	26.1	29.4	17.3	6.3	7.7	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-95 BUCKLEY ANG CO STATION NAME 74-93 YEARS MAY NORTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.6	4.1	3.0	.7	.7	.1					13.3	6.2
NNE	.7	2.6	3.1	.9	.2	.1						7.2	5.1
NE	.1	2.7	2.0	.5								6.0	6.4
ENE	.7	3.2	3.1	.6	.1							6.2	7.5
E	.6	2.3	3.0	1.2	.1							7.5	7.8
ESE	.7	1.2	1.2	.5	.5	.2						4.4	9.0
SE	.4	.6	2.2	1.3								4.7	8.3
SSE	.6	1.3	1.8	1.2	1.0	1.2	.1					7.2	12.3
S	.6	1.1	1.4	1.3	1.2	1.1	.1					6.9	13.2
SSW	.4	.2	.5	1.1	.3	.3						2.9	12.3
SW	.2	.8	.4	.2	.2	.1						1.9	8.8
WSW	.7	.5	.9	.9	.1							2.7	8.6
W	.7	1.0	.9	1.3	.5							4.1	10.0
WNW	.6	1.1	.9	.9	.1	.2						3.7	9.1
NW	.5	1.4	1.5	1.1	1.0	.1						5.7	9.8
NNW	.9	1.7	2.4	1.1	.6	.1						6.9	9.1
VARBL													
CALM												6.5	
	10.4	26.1	29.4	17.3	6.3	7.7	.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 714895 BUCKLEY ANG CO STATION NAME 74-83 YEARS MAY MONTH
ALL WEATHER CLASS 1577-1772 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.7	3.0	1.9	.9	.2						10.7	6.8
NNE	1.1	3.1	2.8	1.4	.4	.1						8.9	8.1
NE	.5	2.5	1.3	1.3	.2	.2	.1					6.2	8.7
ENE	1.1	1.9	2.7	1.1	.1							6.2	7.1
E	1.2	1.9	2.9	1.5	.4	.1						8.1	8.3
ESE	.2	1.5	2.2	1.1	.2							5.2	8.8
SE	.5	1.9	1.5	1.7	.4		.1	.1				6.7	9.5
SSE	.1	.5	1.4	3.2	1.1	1.3		.1				7.9	14.7
S	.1	.2	1.3	2.0	1.2	1.5	.4	.1				7.6	16.5
SSW		.5	1.1	.8	1.0	.2	.1					3.7	13.5
SW	.1	.5	.4	.4	.5							2.0	11.4
WSW	.1	1.1	.8	.5	.5							3.0	9.9
W	.5	.9	1.0	1.0	.3	.1						3.8	9.5
WNW	.1	1.3	1.8	.9								4.1	8.4
NW	.5	.9	1.5	1.5	.4							5.0	9.7
NNW	.3	1.9	2.4	1.6	.3		.1					6.7	9.5
VARBL													
CALM												4.3	
	.1	2.2	27.3	22.0	6.1	3.9	.9	.3				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695 STATION 724695 SUCKLEY ANG 00 74-83 YEARS 4 MAY 1900-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	3.5	3.3	.4	.1						10.6	8.1
NNE	1.5	1.3	1.5	.5	.3	.2						5.2	7.8
NE	1.5	1.4	1.3	1.0	.3	.1						5.1	8.4
ENE	.6	1.5	1.3	.5	.1	.1						4.2	7.6
E	.3	3.2	2.8	.6	.3							7.7	7.2
ESE	.3	2.2	1.4	.5	.1							5.0	6.8
SE	.6	2.2	2.7	2.2	.2		.1	.2				6.3	9.8
SSE	.3	2.0	2.2	2.6	.4	.2	.1					7.9	10.0
S	.5	3.6	3.0	4.5	1.2	.6	.2					13.7	10.9
SSW	.6	.8	.9	.6	.5	.2						3.7	9.8
SW	.3	.8	1.4	.5								3.0	8.1
WSW	.3	1.3	.5	.5								2.7	7.2
W	1.3	.9	1.2	.3								3.3	6.2
WNW	.5	.6	1.1	.3	.2							2.8	7.7
NW	.5	1.2	.9	1.1	.1							3.8	8.2
NNW	.4	.4	1.9	.8	.2							3.8	8.8
VARBL													
CALM												9.4	
	10.0	25.4	27.5	19.0	4.5	1.6	.4	.2				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	1.6	1.0								6.3	6.7
NNE	.4	1.5	1.2	.4								3.6	6.7
NE	.1	1.3	.8	.2								2.4	6.4
ENE		1.2	.9	.1	.1							2.3	7.1
E	1.0	2.3	1.0	.6		.1						5.0	6.6
ESE	.1	1.7	1.4	.5								3.8	7.1
SE	.8	2.2	1.7	1.0								5.6	6.8
SSE	.9	3.3	3.5	2.5	.9	.5		.2				11.3	12.2
S	.6	8.4	9.2	6.6	1.7	.3						26.9	9.3
SSW	.8	1.9	1.1	.9	.2							4.7	7.4
SW	.6	1.4	.9	.1		.1						3.1	6.1
WSW	.5	1.1	1.0	.1								2.9	5.8
W	.5	1.0	.3									1.2	4.4
WNW	.4	.5	.6									1.5	5.6
NW	.2	.9	.6	.3								2.0	7.1
NNW	.6	.8	.5	.6	.1							2.7	7.6
VARBL													
CALM												13.5	
	2.3	31.7	26.2	15.0	3.0	1.1		.2				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724595 EUCKLEY ANGB CO STATION NAME 74-83 YEARS
ALL WEATHER CLASS
CONDITION

MONTH MAY
ALL
HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	2.5	1.5	.3	.1	.0					6.4	7.9
NNE	.7	1.3	1.6	.5	.1	.1						4.9	7.2
NE	.5	1.4	1.1	.5	.1	.0	.0					3.7	7.3
ENE	.7	1.1	1.3	.4	.1	.0						4.0	6.9
E	.2	1.9	1.6	.7	.1	.0						5.2	7.1
ESE	.5	1.2	1.1	.5	.1	.1						3.4	7.7
SE	.7	1.6	1.5	1.0	.1	.0	.0	.0				4.9	8.2
SSE	.5	1.9	1.7	1.6	.5	.5	.0	.0				6.9	10.2
S	1.3	5.9	5.8	4.1	1.4	.7	.1	.0				19.2	9.5
SSW	1.7	2.3	2.0	1.1	.4	.1	.0					6.9	8.0
SW	.0	1.5	1.3	.5	.1	.0						4.3	6.9
WSW	.6	1.2	.8	.4	.1							3.0	6.6
W	.9	1.0	.8	.4	.2	.1						3.5	7.1
WNW	.6	.8	.8	.3	.1	.1						2.7	7.6
NW	.5	1.0	.9	.6	.2	.0						3.4	6.1
NNW	.7	1.8	1.5	.8	.2	.1	.0					5.1	8.0
VARBL													
CALM												10.7	
	12.2	29.6	26.2	14.9	4.2	1.9	.3	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595
STATION

BUCKLEY ANGB CO
STATION NAME

73-62
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.1	1.1	.1								3.3	5.6
NNE	.2	.4	.6	.2		.2						1.7	9.3
NE	.7	.4	.2	.1	.1							1.2	6.8
ENE	.1	.6	.6	.1								1.6	6.3
E	.3	1.0	.8									2.1	5.2
ESE	.4	1.1	1.2	.1								2.9	6.2
SE	.7	1.9	.9	.7								4.1	6.3
SSE	1.3	2.2	1.6	1.7	.3							7.1	8.0
S	2.8	16.7	13.1	7.4	2.4	.4	.1					43.2	8.3
SSW	1.3	6.8	3.2	1.6								12.9	6.5
SW	1.1	1.4	.7	.1								3.3	4.8
WSW	.4	1.1	.4	.1								2.1	5.7
W	.4	1.4	.8	.1								2.8	5.8
WNW	.7	1.0										1.7	3.9
NW		.7	.1	.1								.9	5.5
NNW	.6	1.1	.4	.2								2.3	5.9
VARBL													
CALM												7.0	
	12.1	34.9	25.7	12.7	2.9	.7	.1					120.2	6.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695
STATION

BUCKLEY ANG CO

STATION NAME

77-82

YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	.7	.3								3.0	6.0
NNE	.4	.2	.3	.2								1.2	6.1
NE	.1	.6	.1	.1								.9	5.5
ENE	.2	.3										.6	4.0
E	.1	.6	.3									1.2	5.8
ESE	1.0	.7	.4	.1								2.2	4.8
SE	.7	.7	.3	.1								1.8	5.0
SSE	.9	2.2	3.1	1.0								7.2	7.3
S	3.6	15.8	15.6	6.2	.8	.2						42.1	7.6
SSW	1.3	8.3	5.1	.7								15.9	6.2
SW	.8	2.1	.9									3.8	5.2
WSW	.6	1.3	.6		.1							2.6	5.4
W	.2	.9	.2	.1								2.0	4.8
WNW	.8	1.0										1.8	3.7
NW	.6	1.8	.2									2.6	4.7
NNW	.7	1.1	.6	.1								2.4	5.0
VARBL													
CALM												8.8	
	13.4	39.2	28.4	9.0	.9	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	2.1									3.3	6.4
NNE	.2	.2	.4									.9	6.0
NE	.3	.4	.6	.2								1.3	7.0
ENE	.7	.4	.3									1.2	5.1
E	.5	.3	.4	.1								1.4	5.2
ESE	.4	.4	.3	.1								1.3	5.8
SE	1.7	.6	.1	.1								1.8	4.5
SSE	.3	.2	.6	.2	.4	.1						2.3	9.4
S	2.4	6.1	8.1	4.7	.7							22.0	8.3
SSW	1.5	6.9	9.1	2.7	.1							20.6	7.4
SW	2.4	6.0	3.9	1.1								13.4	6.1
WSW	2.0	2.0	1.4	.1								5.6	4.9
W	1.6	2.6	1.1									5.2	4.8
WNW	1.2	1.1	.4	.4	.1							3.3	6.3
NW	1.1	1.2	.9	.1								3.3	5.0
NNW	.8	1.1	1.3	.1								3.3	5.9
VARBL													
CALM												8.4	
	17.1	31.2	31.8	10.0	1.3	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEARS

JULY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.2	3.7	.2								9.0	5.9
NNE	1.4	2.1	1.1	.3								5.0	5.7
NE	.8	3.0	1.6	.4								6.0	6.4
ENE	1.1	2.3	1.3	.6	.3							5.7	6.8
E	1.7	2.6	2.2	.6								7.0	6.2
ESE	1.2	1.2	.9	.2								3.6	5.2
SE	.7	1.3	1.4	.4		.1						4.0	7.1
SSE	1.0	1.4	1.0	1.2	.6							5.2	8.7
S	.9	2.6	2.0	1.9	.4	.7						8.4	9.6
SSW	1.2	2.1	1.7	1.6	.6	.1	.1	.1				7.4	9.1
SW	1.2	2.2	1.2	1.1								5.8	6.5
WSW	1.0	2.1	.6	.1								3.3	4.9
W	1.3	1.0	1.7	.2								5.0	5.9
WNW	1.1	1.0	1.2	.4	.1							4.7	6.5
NW	1.6	1.6	.4		.2	.1						3.9	5.5
NNW	1.0	2.3	1.4	.1								4.9	5.3
VARBL													
CALM												10.7	
	19.1	33.7	23.7	9.4	2.2	1.0	.1	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695
STATION

SUCKLEY ANGB CO
STATION NAME

73-82
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	3.6	2.3	1.2								9.2	6.4
NNE	1.1	2.3	1.8	.1								5.3	5.8
NE	1.0	2.4	2.7	.3								6.4	6.4
ENE	1.2	3.3	3.6	1.0	.7	.1						9.9	7.7
E	1.2	3.0	5.3	1.7		.1						11.3	7.8
ESE	.7	2.6	3.7	1.7	.1	.2						8.9	8.5
SE	.6	1.7	2.1	.9	.7							5.9	8.9
SSE	.7	1.7	2.1	1.4	.6	.1						6.4	9.4
S	.6	1.3	2.6	2.4	.6	.3	.2					8.2	1.4
SSW	.2	.9	.6	.7	.2	.1						2.7	9.3
SW	.6	.8	.2	.4								2.0	6.6
WSW	.4	.4	.9	.2	.6	.1						2.7	10.3
W	.7	.8	1.1	.1								2.7	6.3
WNW	.7	.3	1.3	.4	.1	.2						3.1	9.1
NW	.5	1.4	1.3	.2		.1		.1				4.0	7.7
NNW	.5	2.4	1.8	.6		.1						5.7	6.6
VARBL													
CALM												5.7	
	13.2	29.0	33.3	13.4	3.4	1.6	.2	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695 DUCKLEY ANGB CO 73-82 MONTH 1500-1700
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7	4.6	.9	.1							9.1	7.5
NNE	.3	2.2	1.6	1.0								5.1	7.2
NE	.4	2.0	1.7	.8	.4	.1						5.4	8.2
ENE	.8	2.2	1.9	1.1	.1	.2						6.3	7.9
E	1.4	3.1	5.7	1.6	.2	.1						12.1	7.9
ESE	.8	2.1	3.7	2.1	.2	.3						9.2	9.2
SE	.4	.7	1.9	1.4	.4	.1	.4					5.8	12.3
SSE	.6	1.2	1.6	3.2	1.6	.4	.1					8.7	12.4
S	1.0	1.3	1.0	2.2	1.6	.9						8.0	12.4
SSW	.1	1.2	.8	.6	.3	.3	.1					3.4	10.9
SW	.7	.5	.8	.3	.1	.1						2.1	9.4
WSW	.3	.4	.4	.7	.3							2.2	9.9
W	.4	.9	1.7	1.0	.6	.2						4.8	10.1
WNW	.3	1.0	.9	.7								2.9	7.7
NW	.3	.9	2.6	.6	.3							4.7	8.8
NNW	.9	2.1	2.1	1.1		.1	.1					6.3	7.8
VARBL												3.8	
CALM													
	9.2	24.7	32.7	19.2	6.7	3.0	.8					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

124595 PUCKLEY ANGB CO 77-82
STATION STATION NAME YEARS
ALL WEATHER CLASS 1977-1982
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	1.6	.7	.3							5.2	7.2
NNE	.6	1.4	1.4	.6	.2							4.2	7.5
NE	.9	1.5	1.8	.6	.3							4.5	7.8
ENE	1.1	1.6	1.4	1.1	.3							5.6	7.8
E	.8	5.2	3.0	1.3	.3	.1						10.3	7.2
ESE	1.1	2.8	2.2	.6	.4	.1						7.2	7.3
SE	1.0	2.8	2.9	2.1	.4	.1						9.3	8.4
SSE	1.1	2.0	3.0	2.7	.7	.3						9.8	9.8
S	.6	2.1	3.2	4.3	.8	.7	.1					11.3	11.1
SSW	.9	.8	.7	.7		.2						3.2	7.9
SW	.4	.6	.7	.3								2.2	6.9
WSW	.2	.8	.7	.6								2.2	7.5
W	1.0	1.0	1.3	.8	.1							5.1	7.2
WNW	.3	.8	.9	.6	.1							2.7	6.2
NW	.4	.8	1.0	.7								2.9	7.3
NNW	.3	1.2	1.1	.7	.2							3.6	8.1
VARBL													
CALM												9.2	
	12.0	25.0	26.7	18.1	4.3	1.6	.1					120.3	7.5

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 BUICKLEY ANG B CO 73-82 JULY 1974
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-2300
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	1.4	.4								4.0	6.4
NNE	.7	.5	.4	.4								2.1	6.7
NE	.4	.7	.4	.6								2.1	7.4
ENE	.2	.3	.8	.8	.1							2.7	8.3
E	1.0	1.0	1.7	.4	.1							5.1	6.8
ESE	1.1	1.7	.9	.3	.1							4.1	5.0
SE	1.4	2.3	2.4	1.6	.2	.2	.1					8.3	8.1
SSE	1.1	3.4	3.5	2.1	.4	.1						11.0	6.3
S	2.5	11.0	9.4	7.2	1.9	.9						33.2	9.0
SSW	1.2	2.3	2.4	.9	.2							7.1	7.0
SW	.2	1.8	.9	.3	.1							4.0	6.1
WSW	.7	.7	.6	.3								2.2	6.2
W	.7	1.1	.8	.1								2.7	5.6
WNW	.2		.4	.1								.3	7.1
NW	.2	.5	.8	.1								1.9	6.6
NNW	.3	.2	.4	.2								1.2	6.6
VARBL													
CALM												7.4	
	14.8	30.3	47.7	16.0	3.2	1.2	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION NAME DUCKLEY ANGB CO 72-82 YEARS MONTH JULY
CLASS ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.1	2.2	.5	.1							5.2	6.5
NNE	.6	1.2	1.0	.4	.0	.0						3.2	6.6
NE	.5	1.3	1.2	.4	.1	.0						3.6	7.1
ENE	.0	1.5	1.2	.6	.2	.0						4.2	7.4
E	.0	2.2	2.4	.7	.1	.0						6.4	7.2
ESE	.0	1.0	1.7	.7	.1	.1						4.9	7.4
SE	.0	1.5	1.5	.9	.3	.1	.1					5.1	8.3
SSE	.1	1.0	2.1	1.7	.6	.1	.0					7.3	9.2
S	1.7	7.1	6.8	4.6	1.1	.5	.1					22.1	6.8
SSW	1.1	3.7	2.9	1.2	.2	.1	.0	.0				9.2	7.4
SW	1.7	1.5	1.2	.5	.0	.0						4.6	6.2
WSW	.7	1.1	.7	.3	.1	.0						2.9	6.5
W	.9	1.4	1.1	.3	.1	.0						3.6	6.5
WNW	.7	.9	.7	.3	.1	.0						2.6	6.8
NW	.6	1.1	.9	.2	.1	.0		.0				3.0	6.7
NNW	.7	1.5	1.2	.4	.0	.0	.0					3.7	6.6
VARBL													
CALM												7.6	
	13.8	31.9	28.7	13.5	3.1	1.2	.2	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

AD-A 134 205

BUCKLEY ANGB COLORADO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 19 SEP 83
USAFETAC/DS-83/040 SBI-AD-E850 423 F/G 4/2

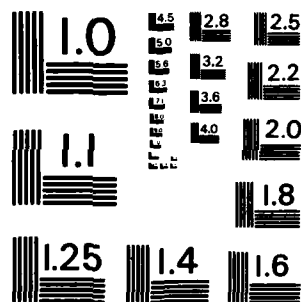
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USAFETAC/DS-83/040 SBI-AD-E850 423

19 SEP 83
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NE



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695
STATION

BUCKLEY ANG3 CO
STATION NAME

73-82
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	.6									1.4	6.0
NNE	.2	.2	.1	.1								.6	6.2
NE	.2	.5	.3									1.1	5.8
ENE	.1	.3										.4	4.0
E	.4	.6	.4									1.5	5.1
ESE	1.0	.5	.9	.1								2.5	5.5
SE	.6	2.2	.5	.2								3.5	5.6
SSE	1.2	3.2	2.0	.5	.1							7.1	6.3
S	5.6	17.8	15.1	8.0	2.0							48.5	7.8
SSW	1.7	5.4	4.4	1.4	.1							13.0	6.5
SW	1.3	2.2	.6	.2								4.3	4.8
WSW	.4	.8	.4	.3								1.9	5.9
W	1.1	1.1	.1	.1								2.4	4.2
WNW		.6	.1	.1								.9	6.4
NW	.5	.3	.1		.1							1.1	5.7
NNW	.8	.5	.3									1.6	4.4
VARBL													
CALM												8.2	
	15.5	36.8	20.1	11.1	2.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 STATION NAME BUCKLEY ANGB CO YEARS 73-82 MONTH JUL
CLASS ALL WEATHER HOURS (L.E.T.) 0300-2500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.5									2.2	4.9
NNE	.1	.1	.2									.4	6.0
NE	.1	.1		.1								.3	6.0
ENE	.1	.1	.2									.4	5.8
E	.3	.6										1.7	3.8
ESE	.3	.4	.1	.2								1.1	6.4
SE	.6	.4	.6									1.7	5.2
SSE	1.1	2.3	.8		.1							4.2	5.4
S	5.2	18.9	14.2	6.1	.2							44.6	7.0
SSW	3.3	8.4	4.8	1.3								17.8	5.9
SW	1.9	3.0	.4		.1							5.5	4.4
WSW	1.2	1.3	.4	.1								3.0	4.6
W	1.0	1.1	.2									2.3	4.0
WNW	.5	.8										1.3	3.5
NW	.4	.3	.6	.1								1.5	6.1
NNW	.4	.4	.1	.3								1.3	6.3
VARBL													
CALM												11.5	
	17.4	39.0	23.3	8.3	.4							120.2	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695
STATION

BUCKLEY ANGB CO
STATION NAME

71-82
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-2600
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.3	.3								3.1	6.9
NNE	.1	.4	.1		.1							.3	6.6
NE	.2	.5	.3	.1								1.2	6.5
ENE	.4	.2	.4									1.1	4.9
E	.5	.5	.2	.1								1.4	5.1
ESE	.2	.1	.2									.5	4.8
SE	.3	.5	.1									1.3	4.7
SSE	.3	.9	.4	.2								1.8	6.4
S	2.9	6.5	6.2	2.3	.6							18.5	7.2
SSW	2.4	7.0	9.6	1.8	.1							20.9	7.0
SW	2.4	7.5	5.2	.8								16.2	6.0
WSW	1.7	3.7	.9	.1								6.3	4.7
W	2.3	3.9	.5	.1								6.8	4.5
WNW	2.5	1.5	.4									4.4	3.6
NW	1.1	1.0	.9	.1								3.0	5.2
NNW	.8	1.6	.9	.3								3.5	5.9
VARBL													
CALM												9.5	
	15.8	37.0	27.6	6.2	.9							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 DUCKLEY ANGB CO 73-82 JUL 1973-1973
STATION NAME YEARS MONTHS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.2	3.9	1.0	.1							12.3	6.1
NNE	1.6	2.5	1.1	.1								5.3	5.0
NE	1.4	1.4	2.2	.2								5.2	6.0
ENE	1.1	1.7	1.3	.3								4.4	5.7
E	1.7	2.7	1.1	.2								5.1	5.1
ESE	.5	1.2	.8									2.5	5.2
SE	.8	1.1	.3									2.2	4.6
SSE	.8	.4	.5	.6								2.4	7.1
S	2.0	2.7	1.7	1.3								7.7	6.7
SSW	1.1	1.8	1.2	.3								4.4	6.0
SW	1.6	2.7	1.6	.9	.1							6.2	6.4
WSW	1.7	1.4	1.1									4.4	4.4
W	3.1	2.2	.5									5.3	3.9
WNW	1.9	2.3	.8									4.9	4.2
NW	1.5	3.4	1.1	.3								6.7	5.1
NNW	2.5	2.7	1.1	.3								6.6	5.0
VARBL													
CALM												13.5	
	26.6	34.0	20.1	5.6	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 BUCKLEY ANGB CO 73-82 JUL 1200-1400
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.7	5.6	1.6								11.8	7.4
NNE	1.3	3.0	3.4	.9								8.6	6.8
NE	1.6	3.1	3.5	.4								8.7	6.2
ENE	1.4	2.9	4.6	.8								9.7	6.9
E	.9	4.8	4.0	1.3								11.3	7.0
ESE	.8	2.5	2.4	.6	.1	.1						6.5	7.4
SE	.4	1.5	1.8	.6	.3							4.7	8.1
SSE	.9	1.5	1.7	.5	.1							4.7	7.1
S	.8	1.3	1.8	1.5	.4	.1						5.4	8.8
SSW	.1	.1	.6	.4								1.3	9.8
SW	.6	.4	.3	.3	.1							1.8	7.3
WSW	.8	.5	.2	.2								1.7	5.7
W	.3	1.2	.9	.1		.1						3.3	6.1
WNW	.4	.2	1.0	.2								2.4	6.3
NW	.6	1.7	1.0	.2	.3							3.1	7.6
NNW	1.1	3.1	2.9	.9	.2							8.2	7.2
VARBL													
CALM												7.4	
	14.3	30.4	35.8	10.1	1.6	.3						100.7	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724695 BUCKLEY ANGB CO STATION NAME YEARS 73-82 MONTHS JUL
CLASS ALL WEATHER HOURS 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	4.4	2.2	.1		.1					10.8	8.3
NNE	.9	1.4	2.2	1.4	.1							5.9	8.1
NE	.5	2.4	2.2	.5	.2							6.2	7.2
ENE	1.0	3.2	2.6	.5								7.3	6.4
E	1.3	2.4	3.9	1.4	.2	.1						9.8	7.8
ESE	.3	1.1	3.7	2.0	.1							7.6	8.9
SE	.2	1.1	1.7	2.8	.5	.1						6.3	10.8
SSE	.5	.6	1.7	1.9	.3	.2	.2					5.8	11.0
S	.5	1.5	1.7	2.3	1.1	.2	.1					7.9	11.2
SSW	.1	.6	1.0	.8	.4	.2						3.1	11.1
SW	.1	.4	.6	.6		.3						2.2	10.9
WSW	.5	.6	.9	.3								2.4	6.7
W	.5	1.3	1.5	1.0	.1							4.4	7.9
WNW		.9	1.4	.3								2.6	8.0
NW	.9	1.5	1.3	1.3		.2						5.1	8.6
NNW	.9	2.2	3.7	1.7		.2						8.6	8.5
VARBL													
CALM												4.7	
	10.9	23.0	34.3	21.1	3.2	1.6	.4					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 DUCKLEY ANGB CO 73-82 JUL 1800-2000
STATION STATION NAME YEARS MONTH HOURS (L & T)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.9	2.8	1.2	.7	.1		.1				8.1	6.3
NNE	.9	.6	.9	.4								2.8	6.5
NE	.6	1.4	2.2	1.0	.2							5.4	8.4
ENE	1.1	1.5	1.6	1.1								5.3	7.0
E	1.7	3.5	1.4	.8	.4							7.8	6.5
ESE	1.6	1.8	1.8	1.2	.1	.1						6.7	7.2
SE	.8	2.4	3.5	2.7	.5	.1						10.2	9.2
SSE	.5	1.9	2.2	1.1	.3	.2						6.3	8.7
S	1.0	2.4	3.4	3.1	.9	.4	.1					11.3	10.2
SSW	.2	.9	1.8	.5								3.3	8.1
SW	.8	1.1	2.0	1.0	.4		.1					5.4	9.3
WSW	.6	.6	1.0	.5								2.8	6.7
W	1.3	1.0	1.6	.2	.2							4.3	6.9
WNW	.8	.8	.9	.4								2.8	6.7
NW	1.0	1.3	1.1	.1	.1							3.5	6.1
NNW	1.4	1.3	1.0	.6								4.3	6.2
VARBL													
CALM												9.7	
	14.0	25.3	29.4	15.9	3.5	1.0	.2	.1				120.2	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 STATION BUCKLEY ANGB CO STATION NAME 73-82 YEARS JUL MONTH 2100-2300 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.3	1.3	.1								2.6	6.5
NNE	.5	.9	.3	.2								2.2	5.2
NE	.2	.6	.8	.1								1.7	7.2
ENE		.5	.8	.1								1.4	7.2
E	.0	1.1	1.9	.3		.1						4.1	7.1
ESE	1.1	2.2	1.2	.6	.1							5.2	6.5
SE	1.9	2.9	2.3	.6	.5							8.3	6.9
SSE	.9	4.2	4.7	1.8	.2	.2						12.2	8.0
S	4.4	9.5	8.5	5.7	1.0	.1						29.1	7.8
SSW	1.0	3.5	2.9	.9	.2							9.5	6.6
SW	1.8	2.3	1.0	.4								5.5	5.4
WSW	1.0	.9	.8	.3								2.9	6.0
W	.9	.3	.6	.2								2.0	6.1
WNW	.2	.5	.4									1.2	5.0
NW	.6	.4	.2									1.3	4.2
NNW	.4	.4	.3	.1								1.6	4.8
VARBL													
CALM												9.6	
	17.8	30.5	28.0	11.6	2.0	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595
STATION

BUCKLEY ANGB CO

STATION NAME

73-82

YEARS

JUL
MONTH

ALL WEATHER

CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	2.6	.8	.1	.0	.0	.0				6.5	7.2
NNE	.7	1.1	1.0	.4	.0							3.3	6.5
NE	.6	1.3	1.4	.3	.1							3.7	6.8
ENE	.6	1.3	1.4	.3								3.7	6.5
E	1.0	2.0	1.6	.5	.1	.0						5.2	6.7
ESE	.9	1.2	1.4	.6	.1	.0						4.1	7.2
SE	.7	1.5	1.4	.9	.2	.0						4.7	7.9
SSE	.3	1.9	1.8	.8	.1	.1	.0					5.6	7.8
S	2.8	7.6	6.6	3.7	.8	.1	.0					21.6	7.8
SSW	1.4	3.5	3.3	.9	.1	.0						9.2	6.8
SW	1.4	2.4	1.5	.5	.1	.0	.0					5.9	6.3
WSW	1.0	1.2	.7	.2								3.2	5.4
W	1.4	1.6	.8	.2	.0	.0						3.9	5.4
WNW	.8	1.1	.6	.1								2.6	5.2
NW	.9	1.2	.8	.3	.1	.0						3.2	6.3
NNW	1.1	1.5	1.3	.5	.0	.0						4.5	6.6
VARB													
CALM												9.3	
	17.0	32.1	28.1	11.2	1.8	.4	.1	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 BUCKLEY ANGB CO 73-82
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0000-0000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.5	.3	.3	.1							2.2	6.3
NNE	.2	.9	.5	.1								1.6	6.3
NE	.7	.2	.1	.1								.6	6.7
ENE	.4	.6										1.1	3.7
E	.5	.7	.4									1.9	4.7
ESE	.5	1.1	.6	.2								2.5	6.0
SE	.5	1.6	.9	.6								3.7	6.6
SSE	1.3	5.9	2.5	.4	.1							10.2	6.1
S	5.8	17.4	13.4	6.7	1.6	.5						45.5	7.5
SSW	1.7	6.1	3.0	1.6								12.5	6.5
SW	1.4	1.2	.5	.3								3.4	5.3
WSW	.6	.9	.2	.1								1.8	5.0
W	.4	.6	.1									1.2	4.1
WNW	.4	.8	.2	.1								1.5	5.4
NW	.1	.4	.2									.8	5.1
NNW	.8	.5	.5									1.8	4.4
VARBL													
CALM												7.8	
	15.9	39.6	23.7	10.6	1.8	.5						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 BUCKLEY ANGB CO 77-82 AUG NORTH

STATION STATION NAME YEARS

ALL WEATHER 0300-0500

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.5	.4		.1						2.6	6.9
NNE		.1	.1	.1								.3	10.3
NE	.1	.1	.3									.5	6.8
ENE	.3	.4	.3	.1								1.2	5.9
E	1.0	.5	.2									1.7	3.6
ESE	.8	.9	.4	.2								2.3	5.2
SE	1.0	1.5	.6	.1								3.2	4.7
SSE	1.8	3.0	1.8									6.7	5.2
S	5.3	18.1	12.9	3.4	.6							41.4	6.5
SSW	3.2	7.3	6.6	1.1								18.2	6.0
SW	1.4	2.8	.9	.1								5.2	4.8
WSW	.5	.6	.2	.1								1.5	5.1
W	.4	.4	.4									1.3	4.7
WNW		.4	.1									.9	5.1
NW	.3	.4	.4	.1	.1							1.8	6.4
NNW	.8	.6	.8									2.2	5.4
VARBL													
CALM												9.1	
	15.4	39.1	26.7	5.8	.8	.1						100.7	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT LEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695 STATION BUCKLEY ANGB CO STATION NAME 77-P2 YEARS
ALL WEATHER CLASS 1600-2800 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.0	1.4									5.2	5.6
NNE	.3	.3	.1	.1								.9	5.6
NE		.6	.3									1.0	6.3
ENE	.3	.1	.1									.5	4.8
E	.5	.5	.3									1.4	4.6
ESE	.3	.5	.2									1.1	4.5
SE	.9	.3	.5	.3								2.0	6.3
SSE	.6	2.4	1.4	.2	.1							4.3	6.1
S	4.7	11.0	7.0	1.6	.3	.1						24.2	6.3
SSW	2.9	8.8	9.8	1.7								23.2	6.6
SW	2.8	5.7	4.0	.2								12.7	5.4
WSW	2.5	2.3	1.0									5.7	4.2
W	1.0	2.0	.6									3.7	4.4
WNW	.9	.9	.4		.1							2.3	5.2
NW	.6	1.0	.5									2.3	4.8
NNW	.3	1.3	.6									2.3	5.6
VARBL													
CALM												9.0	
	12.1	38.6	28.4	4.2	.5	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION BUCKLEY ANG CO 73-82
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1000-1100
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.1	2.6									8.2	5.4
NNE	.9	1.9	.5	.1								3.4	5.5
NE	.6	1.3	1.0									3.0	5.3
ENE	1.2	3.0	.8									5.1	4.7
E	1.4	1.1	1.1	.3								3.9	5.3
ESE	.5	.6	.5	.3								2.0	6.1
SE	.5	1.4	.6	.1								2.9	5.2
SSE	.8	.8	1.1									2.6	5.8
S	1.5	2.5	1.9	1.0								7.2	6.2
SSW	1.6	2.2	2.2	1.6	.2							7.7	7.4
SW	2.0	3.6	2.4	.9								9.0	6.0
WSW	2.7	3.4	1.1	.3								7.5	4.8
W	1.2	3.5	1.0	.2								8.0	4.4
WNW	1.5	1.6	.9	.1								4.1	4.9
NW	0.3	2.0	1.1									5.4	4.3
NNW	1.5	3.4	1.8									6.9	5.2
VARBL													
CALM												13.1	
	24.6	36.7	20.4	4.9	.2							120.2	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION 73-82 YEARS 1200-1400
BUCKLEY ANGB CO STATION NAME SOUTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.1	4.1	.5	.1							11.9	6.4
NNE	1.3	3.2	3.2	.6								9.2	6.2
NE	1.3	2.3	3.0	.2								6.5	6.4
ENE	2.2	3.5	4.0	1.0								10.6	6.5
E	3.0	4.1	3.7	.4								11.2	5.6
ESE	1.7	1.7	1.4	.3								4.4	6.0
SE	.6	1.1	2.0	1.0								4.7	6.1
SSE	.3	1.4	1.2	.9	.1							3.9	8.2
S	1.6	2.5	1.4	.3	.1							5.8	5.9
SSW	.4	1.0	1.0	.4								2.8	7.2
SW	.5	.4	.2	.2								1.4	5.8
WSW	.5	1.8	.2	.3	.1							3.2	6.0
W	1.1	1.4	1.2	.3	.1							4.1	6.3
WNW	.3	1.6	.6	.3	.1							3.4	6.0
NW	1.2	1.1	1.6	.3	.1							4.3	6.5
NNW	2.2	2.3	2.0	.2	.1							6.8	5.5
VARBL	.2											.2	3.0
CALM												5.9	
	27.2	34.4	30.9	7.7	.9							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION 724595 EUCKLEY ANGB CO STATION NAME 77-82 YEARS AUG MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.4	3.4	.9	.2	.1						9.4	7.2
NNE	1.3	1.9	2.3	.9								6.3	7.1
NE	1.0	3.1	3.3	1.0								8.4	6.9
ENE	1.6	3.2	2.5	.2	.1							7.6	6.1
E	1.5	4.1	4.3	1.9	.2							12.2	7.3
ESE	.5	1.5	2.8	1.2	.2							6.3	8.3
SE	.5	1.3	2.2	1.9								5.9	8.7
SSE	1.4	.9	1.4	2.3	.4	.2						6.6	9.6
S	.4	1.2	2.5	2.0	.3							6.5	9.7
SSW	.3	.3	.9	1.0	.1							2.6	9.1
SW	.4	1.2	.8	.3	.2							2.9	7.3
WSW	.5	1.0	1.7	.3		.1						3.9	6.9
W	.6	1.0	1.3	.6	.1		.1					3.8	5.2
WNW	.3	.5	1.8	.4	.1		.1					3.3	9.2
NW	.4	1.1	2.6	.5	.2	.1						4.9	8.7
NNW	.6	1.2	3.2	.5		.1		.1				5.8	8.4
VARBL													
CALM												3.8	
	13.2	26.9	36.9	16.0	2.3	.6	.2	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695 BUCKLEY ANGB CO 73-82 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER 1977-2000
CLASS HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.5	2.2	1.3								6.5	7.0
NNE	.3	1.6	1.1	.3	.1							3.9	6.6
NE	.1	1.8	1.3	.6	.1							4.4	7.1
ENE	1.2	1.6	1.1	.3	.1							4.5	5.9
E	2.6	4.1	2.3	1.1								10.0	5.9
ESE	1.7	2.6	2.8	.6								7.7	6.3
SE	.6	2.0	3.8	1.4								7.8	6.2
SSE	.9	2.0	3.8	2.9	.4	.1						10.1	9.3
S	1.6	4.2	4.9	2.9	.2	.1						13.9	8.1
SSW	1.0	1.8	1.4	.9	.1							5.2	7.1
SW	1.0	1.3	.9	.2								3.3	5.7
WSW	.5	1.2	1.1	.4	.1							3.3	7.2
W	.9	.9	.6	.1								2.5	5.3
WNW	.6	.6	.8	.3								2.5	6.3
NW	1.0	.8	.4	.2								2.4	5.6
NNW	.8	.9	.8	.2	.1							2.7	6.3
VARBL													
CALM												9.2	
	17.2	29.1	29.0	13.9	1.3	.2						120.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695 BUCKLEY ANGB CO 77-82 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.5	.9	.4	.1							2.8	7.3
NNE	.5	.2	.4	.1								1.3	5.3
NE	.4	.4										.9	3.9
ENE		.6	.8	.3	.1							1.9	8.8
E	.9	1.3	1.1	.4								3.7	5.9
ESE	.9	1.3	1.0	.3								3.4	6.1
SE	1.6	4.0	2.5	.4	.1							8.6	5.9
SSE	1.4	5.1	3.4	2.2	.4							12.5	7.6
S	4.5	11.2	10.4	5.5	1.4							33.5	7.8
SSW	1.3	4.5	3.3	1.1								10.2	6.5
SW	1.3	1.6	.6	.1								3.7	4.9
WSW	.0	.4	.1									1.3	3.7
W	.8	1.6	.6	.2								3.2	5.4
WNW	.3	.3	.1									.8	3.7
NW	.1	.6	.3	.1	.1							1.3	7.1
NNW	1.0	.5	.9	.1								2.5	5.3
VARBL													
CALM												9.1	
	15.6	34.3	26.5	11.3	2.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.1	1.9	.5	.1	.0						5.8	6.5
NNE	.7	1.3	1.0	.3	.0							3.3	6.3
NE	.5	1.2	1.2	.2	.0							3.2	6.5
ENE	.9	1.7	1.2	.2	.0							4.1	6.0
E	1.4	2.1	1.7	.5	.0							5.7	6.2
ESE	.5	1.3	1.2	.4	.0							3.7	6.5
SE	.8	1.7	1.6	.7	.0							4.9	7.0
SSE	1.1	2.7	2.1	1.1	.2	.0						7.2	7.4
S	3.2	5.5	6.8	2.9	.6	.1						22.2	7.2
SSW	1.6	4.0	3.5	1.2	.1							10.3	6.6
SW	1.4	2.2	1.3	.3	.0							5.2	5.6
WSW	1.1	1.5	.7	.2	.0	.0						3.5	5.4
W	1.0	1.4	.7	.2	.0		.0					3.5	5.4
WNW	.6	.9	.6	.2	.0		.0					2.3	6.1
NW	.0	1.0	.9	.2	.1	.0						2.9	6.2
NNW	1.0	1.3	1.3	.1	.0	.0		.0				3.9	6.0
VARBL	.0											.0	3.0
CALM												8.4	
	18.2	34.8	27.8	9.3	1.2	.2	.0	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

7450

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 BUCKLEY ANGB CO 73-82 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 0000-0000
CLASS HOUR (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	.9	.2								3.3	6.0
NNE	.3	.3	.4	.4								1.6	7.6
NE	.3	.2	.6	.1								1.2	6.4
ENE	.2	.9	.3									1.4	5.7
E	1.1	1.1	.3	.1								2.7	4.4
ESE	1.0	1.2	.6	.2								3.3	5.2
SE	1.5	2.1	.7									3.8	4.9
SSE	1.7	4.3	3.4	1.2	.2							10.9	7.0
S	4.1	17.5	10.7	7.1	1.0							40.4	7.4
SSW	1.4	6.3	2.6	1.0								11.3	5.9
SW	.7	2.0	.4	.3								3.4	5.5
WSW	.6	1.3	.1									2.3	4.2
W	.5	.9	.1									1.8	3.9
WNW	.2	.1	.3	.1								.8	7.3
NW	.2	.7	.1	.1								1.1	5.6
NNW	.9	1.2	1.1	.1								3.3	5.9
VARBL													
CALM												7.9	
	15.2	41.8	22.7	11.1	1.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724595 BUCKLEY ANGB CO STATION NAME 73-82 YEARS SEP
MONTH 0300-1500
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.8	1.4	.3								4.1	6.3
NNE	.9	.1	.9	.1								2.2	5.2
NE	.1	.6	.1									.8	5.1
ENE	.2	.1	.2									.6	5.4
E	.3	.7	.1									1.1	4.2
ESE	.4	.5	1.7									2.2	5.7
SE	.8	1.6	1.3	.1								3.8	5.4
SSE	1.4	4.2	3.2	.8	.2							9.9	6.6
S	3.1	18.7	11.4	3.6	.1	.2						37.1	6.7
SSW	2.2	7.9	3.2	.4	.1							13.9	5.6
SW	1.1	2.7	.7									4.4	4.7
WSW	.7	1.1	.2	.1								2.1	5.1
W	.5	.6	.1	.1								1.6	4.6
WNW	.4	.7		.1								1.2	4.9
NW	.4	.6	.2									1.2	4.5
NNW	.4	1.7	.9	.1								3.1	5.9
VARBL													
CALM												10.9	
	14.0	43.6	45.1	5.8	.4	.2						120.2	5.4

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695 BUCKLEY ANGB CO 73-82 SLP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLIM
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	1.4	.3								4.3	5.9
NNE	.3	.7	.8	.2								2.3	6.8
NE	.3	.6	.2	.1								1.2	5.5
ENE	.3	.1	.4									.9	6.3
E	.4	.8	.4	.1								1.8	5.2
ESE	.2	.6	.7	.3								1.8	8.0
SE	.6	1.1	.4									2.1	5.8
SSE	.6	2.2	1.2	.8	.2	.1						5.3	7.2
S	5.1	10.9	7.4	3.9	.1	.2						27.7	6.7
SSW	2.3	8.1	7.2	1.6								19.7	6.5
SW	1.9	4.6	3.6	.3								10.3	5.8
WSW	1.3	2.1	.7	.2	.1							4.4	5.1
W	3.0	1.3	.1	.1								3.6	3.7
WNW	.3	1.1	.3	.1								1.9	5.2
NW	.7	.7	.6									1.9	4.9
NNW	.4	.8	.3									1.5	4.4
VARBL													
CALM												9.6	
	13.7	37.0	25.9	8.1	.4	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724595 HUCKLEY ANG CO STATION NAME 73-82 YEARS SEP
MONTH 1977-1979
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.2	2.0	1.6								9.2	6.7
NNE	1.8	1.9	.8	.2								4.7	4.9
NE	1.0	1.6	.6	.2								3.3	5.1
ENE	1.1	1.4	.9	.1								3.9	5.0
E	.6	1.3	1.4	.2								3.5	6.1
ESE	.4	.7	.7	.4	.1							2.3	7.6
SE	.8	.6	.2	.1								1.7	5.1
SSE	.5	.6	1.0	.1	.2							2.7	6.9
S	1.4	1.3	2.1	.9	.2	.1						6.1	7.5
SSW	1.1	2.2	3.0	.6	.1	.1						7.1	7.5
SW	2.2	4.4	2.0	1.3	.1	.1						10.6	6.3
WSW	2.4	3.1	2.0		.1							7.7	5.2
W	3.2	2.7	1.2	.3								7.4	4.4
WNW	2.7	2.1	1.1	.1				.1				5.4	5.6
NW	1.9	2.3	.9	.2			.1	.1				5.6	5.9
NNW	1.8	2.6	.7	.3	.1							5.4	5.2
VARBL													
CALM												13.5	
	24.2	33.2	20.6	6.8	1.0	.3	.1	.2				100.2	5.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724595 STATION NAME BUCKLEY ANG3 CO YEARS 73-82 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	4.2	4.1	.9	.1							11.5	6.4
NNE	1.3	5.6	2.7	.8								10.8	6.0
NE	1.5	3.7	3.2	1.0								9.2	6.6
ENE	1.3	3.0	3.2	.6								8.9	6.3
E	1.1	2.7	2.7	.2	.1							6.8	6.3
ESE	.9	1.9	1.2	.3	.1							4.4	6.1
SE	.4	1.6	.7	.4	.1							3.2	7.0
SSE	.6	.4	1.4	.7	.2	.2						3.6	9.8
S	.2	1.7	1.0	.6	.6							4.0	6.9
SSW	.6	.7	.2	.2		.2						1.9	8.3
SW	.2	.9	.3	.2								1.7	6.0
WSW	.4	.9	.2	.3								1.9	6.1
W	1.4	2.0	.6	.6		.1	.1					4.8	6.5
WNW	1.1	2.1	.4	.7			.1	.1				4.6	7.4
NW	1.1	2.6	1.3	.6	.1		.1					5.8	6.7
NNW	1.1	3.3	2.2	1.3		.1						6.1	6.9
VARBL													
CALM												8.9	
	15.8	37.9	25.6	4.3	1.3	.7	.3	.1				120.0	6.1

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595
STATION

BUCKLEY ANG CO
STATION NAME

77-82
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.0	3.7	1.4	.1							10.8	7.1
NNE	1.6	3.6	3.0	1.4	.1							9.6	6.7
NE	1.7	3.3	3.8	.8	.1							9.7	6.6
ENE	1.0	4.1	3.3	.8								9.8	6.5
E	1.7	4.3	4.7	.3	.1							11.1	6.4
ESE	.9	1.3	2.0	1.3								5.6	8.2
SE	.6	.4	.9	1.9	.1	.1						4.2	9.9
SSE	.1	.9	.7	1.6	.1	.2	.3					3.9	12.3
S	.3	.9	1.4	.9	1.0	.3						4.8	11.8
SSW	.4	1.0	.4		.1							2.0	5.8
SW	.7	.6	.6	.1	.1	.1						1.3	7.6
WSW	.7	.2	1.0	.2								2.1	6.4
W	.3	.6	.8	.2	.1	.1						2.6	7.4
WNW	.8	1.0	1.1	.3	.2							3.4	7.1
NW	.6	1.0	2.9	.8								5.2	8.2
NNW	1.3	1.8	2.0	.8	.2							6.1	7.1
VARBL													
CALM												7.6	
	14.4	28.9	32.3	12.9	2.3	.9	.3					120.0	7.0

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 BUCKLEY ANG CO 73-82 SEP
STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	1.7	.7								5.3	6.3
NNE	1.4	1.7	.9	1.0	.1							5.1	6.6
NE	.5	1.6	.6	.9	.1	.1						4.1	7.5
ENE	1.5	1.7	2.1	.4								5.6	6.3
E	3.1	3.9	1.6		.1							8.7	4.6
ESE	1.1	3.3	2.0	.6								7.0	6.1
SE	2.4	6.1	3.4	.4								12.4	5.7
SSE	1.8	4.0	3.0	1.9	.6							11.2	7.3
S	1.4	3.3	3.6	3.2	1.3	.3						13.4	9.7
SSW	.1	1.1	.9	.3	.1							2.6	8.0
SW	.7	.3	.7	.3		.1						2.1	7.3
WSW	.6	.9	.2	.1								1.8	5.1
W	1.6	.9	.6	.4	.1							3.0	6.3
WNW	.6	.6	.8	.1	.1							2.1	6.8
NW	.8	.3	.8	.2	.1							2.2	6.7
NNW	.3	1.3	.8	.2								2.7	6.1
VARBL													
CALM												10.7	
	18.9	32.7	23.7	10.9	2.7	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724695 STATION NAME BUCKLEY ANGB CO YEARS 73-82 MONTH SEP

CLASS ALL WEATHER HOURS (LST) 2100-2300

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	1.0	.3								2.7	6.9
NNE	.2	.4	.4	.2								2.3	5.5
NE	.3	.2	.2	.2								1.7	6.1
ENE	.7	1.7	.7	.3								2.3	7.0
E	.7	1.6	.8	.2								3.2	5.5
ESE	1.7	1.6	1.0									3.9	5.1
SE	1.6	3.2	1.9	.1	.1							6.9	5.6
SSE	1.0	5.1	3.1	1.8	.8							12.7	7.4
S	4.4	14.8	8.6	6.8	1.2	.3						36.1	7.8
SSW	1.9	3.9	2.6	.4	.2							6.9	6.1
SW	1.0	.9	.4	.1								2.4	4.6
WSW	.6	.6	.3									1.4	4.5
W	1.2	.6	.4									3.2	4.3
WNW	.4	.6	.7	.2								2.0	6.3
NW	.3	.3	.2	.1								1.0	5.7
NNW	.3	.9	1.2	.2	.1							2.8	7.1
VARBL													
CALM												7.8	
	17.7	37.0	23.7	11.1	2.4	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 104695 BUCKLEY ANGB CO 77-82 YEARS 50
STATION NAME ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.4	2.7	.7	.7							6.4	6.6
NNE	1.1	1.8	1.2	.6	.7							4.7	6.2
NE	.5	1.5	1.2	.4	.7							3.9	6.4
ENE	.6	1.7	1.4	.3								4.2	6.2
E	1.1	2.7	1.5	.2	.7							4.9	5.6
ESE	.9	1.4	1.1	.4	.7							3.8	6.4
SE	1.0	2.1	1.2	.4	.7	.7						4.7	6.1
SSE	1.1	2.7	2.1	1.1	.3	.1	.0					7.5	7.6
S	2.5	8.6	5.8	3.4	.7	.2						1.2	7.6
SSW	1.3	3.9	2.5	.6	.1	.0						3.4	6.4
SW	1.0	2.1	1.1	.3	.0	.0						4.5	5.9
WSW	.7	1.3	.6	.1	.7							2.9	5.2
W	1.4	1.2	.5	.2	.7	.7	.0					3.4	5.1
WNW	.7	1.0	.6	.2	.0		.0	.0				2.7	6.4
NW	.8	1.1	.9	.3	.0		.0	.0				3.0	6.5
NNW	.6	1.7	1.2	.4	.1	.0						4.1	6.3
VARBL													
CALM												9.5	
	17.4	36.5	24.9	.5	1.5	.4	.1	.0				10.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 724595 DUCKLEY ANGB CO STATION NAME 73-82 YEARS 001 MONTH 0000-0000 HOURS (LST)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.6	.4								2.4	7.1
NNE	.6	.4	1.1	.4								2.7	7.0
NE	1.1	.2	.2	.2								2.4	5.1
ENE	.1	.5										.6	3.8
E	.5	1.2										1.8	3.6
ESE	.2	.8	.2									1.7	4.1
SE	1.2	2.5	.9	.1								4.6	5.1
SSE	1.1	3.2	2.0	.8								7.6	6.2
S	7.2	17.5	14.7	4.6								43.3	6.5
SSW	1.9	5.1	3.1	.6								10.8	5.6
SW	1.1	1.2	.2									3.1	4.1
WSW	.4	.5	.1	.1								1.2	4.8
W	.9	.5	.1									1.4	3.7
WNW	.1	.2	.4	.3								1.1	5.3
NW	.2	.6	.4	.2								1.8	6.4
NNW	.3	1.1	1.5	.2								3.1	6.9
VARBL													
CALM												10.3	
	1.3	38.4	4.9	9.1								100.1	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

704595 SUCKLEY ANGB CO 73-86 281
STATION STATION NAME YEARS MONTH
ALL WEATHER 1700-2500
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.0	.4	.1							3.4	6.9
NNE	.1	1.1	.3	.5								2.3	6.9
NE	.4	.6	.2	.2		.1						1.6	7.0
ENE	.1	.1	.1									.9	4.6
E	.5	1.0										1.5	3.7
ESE	.5	.9	.1									1.6	4.1
SE	1.1	1.7	.5									3.4	4.5
SSE	1.0	3.7	1.5	.3								6.5	5.7
S	5.7	18.1	14.3	3.0								42.0	6.2
SSW	2.3	6.9	4.1	.9								14.1	5.9
SW	1.5	2.0	.1									3.7	3.6
WSW	.4	.5										1.2	3.4
W	.5	.5	.2									1.7	4.3
WNW	.2		.5	.2								1.0	6.1
NW	.1	.4	.5		.2	.1						1.4	10.1
NNW	.5	.4	.6	.5								2.3	7.4
VARBL													
CALM												11.9	
	17.2	40.0	24.2	.1	.3	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595
STATION

BUICKLEY ANGB CO
STATION NAME

77-82
YEARS

051
MONTH

ALL-WEATHER
CLASS

2600-2600
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.4	.6	.6	.1							2.3	4.3
NNE	.2	.6	.5	.1	.1							2.3	5.6
NE	1.1	.9	.2									2.2	3.9
ENE	.4	.4	.1									1.2	3.4
E	1.7	.2	.5									2.3	4.4
ESE	.8	.5	.2									1.5	4.4
SE	1.4	1.2	.3									2.9	4.2
SSE	1.6	2.4	1.6	.2								5.7	5.3
S	7.5	15.6	12.3	3.5	.1							79.2	6.2
SSW	2.4	6.3	6.7	.3								15.7	6.0
SW	1.1	1.6	1.9	.1								4.7	5.7
WSW	1.6	.8	.2									2.6	3.7
W	1.0	.6	.2	.2		.1						2.2	5.7
WNW	.9	.4	.1	.1								1.5	3.9
NW	.3	.6	.2	.2	.1							1.9	6.1
NNW	.4	.6	.6	.3								2.2	6.8
VARBL													
CALM												10.3	
	22.5	34.7	6.5	5.8	.4	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 STATION 724595 HUCKLEY ANGB CO STATION NAME 77-82 YEARS 201 MONTHS 2900-1130 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	1.9	1.0	.1							6.9	5.5
NNE	.8	1.3	1.3	.2	.1							3.7	6.7
NE	.6	1.3	.9	.4	.1							3.3	7.0
ENE	.9	1.7	1.0	.1								3.5	5.6
E	1.0	2.0	1.5	.4								4.9	6.0
ESE	.4	1.3	.5									2.3	5.2
SE	1.0	1.0	.5									2.5	4.5
SSE	.5	1.1	.8	.2								2.6	6.0
S	1.6	3.3	4.0	1.4	.4	.1						10.9	7.5
SSW	2.3	3.9	6.3	1.9	.5							14.9	7.6
SW	1.2	4.0	2.2	.4	.2	.2						6.2	6.8
WSW	2.4	2.6	1.1	.1	.1	.1						6.3	5.2
W	2.4	1.8	.8		.2	.2						5.4	5.4
WNW	1.6	1.8	.6	.3	.2	.1						4.7	6.3
NW	1.7	1.5	.5	.4	.1	.2						4.1	6.8
NNW	1.0	1.0	1.9	.6	.1	.1						4.7	7.8
VARBL													
CALM												11.1	
	20.6	31.6	25.7	7.6	2.3	1.1						100.1	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 BUCKLEY ANGB CO 77-62 301
STATION STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	5.3	3.8	3.3	.2							15.5	7.4
NNE	1.0	2.5	2.5	.3	.1							7.3	6.1
NE	2.5	2.5	2.9	.2		.2						8.3	5.0
ENE	2.2	3.1	2.6	.4								8.3	5.5
E	2.0	4.5	1.2	.4								8.2	5.3
ESE	1.9	2.4	.6									4.9	4.3
SE	1.2	1.2	.6	.4								3.5	5.3
SSE	.3	.9	1.7	.2		.1						2.5	7.4
S	2.5	1.6	1.5	.5	.6	.2						7.1	7.1
SSW	1.2	.6	.8	.6	.4							3.7	6.2
SW	.5	.8	.3	.2	.1	.1						2.2	7.5
WSW	1.4	1.1	.5	.1								3.1	4.4
W	.5	1.7	.8	.8								3.1	7.1
WNW	1.1	.9	.5	.5	.2	.1						3.7	7.4
NW	.9	1.3	1.3	.3	.2		.1					4.1	7.7
NNW	1.4	2.2	2.3	.5	.2							6.6	6.8
VARBL													
CALM												8.2	
	24.7	31.5	23.4	.0	2.2	.9	.1					122.2	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 SUCKLEY ANG3 CO 77-82 201
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.1	3.3	1.1	.0		.1					13.1	7.2
NNE	1.8	2.3	2.9	1.1	.4							6.5	7.4
NE	2.0	3.2	1.9	.1	.1	.2						7.6	6.0
ENE	2.4	5.6	3.9	.1	.1							12.3	5.7
E	3.4	4.5	3.3	.4								11.7	5.3
ESE	1.8	2.4	1.0									5.2	4.7
SE	.5	1.6	.8	1.3	.1							4.3	8.3
SSE	1.7	.5	1.4	1.4		.1						4.4	8.8
S	.5	1.5	.9	1.0	.9	.1	.1					4.9	10.4
SSW	.7	.6	.6	.3	.2	.2						2.4	9.7
SW	.5	.1	.4	.2								1.3	6.3
WSW	.5	.3	.2									1.1	4.2
W	.8	.5	.6	.6								2.5	6.7
WNW	.6	.4	.8	.6								2.5	7.4
NW	1.1	1.0	1.1	.9	.1	.1						4.2	7.8
NNW	.9	1.5	1.8	.6	.3							5.2	7.8
VARBL													
CALM												9.1	
	41.1	31.2	24.9	9.7	3.0	.3	.2					100.3	6.3

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724695 EUCKLEY ANG9 CO 77-82
STATION STATION NAME YEARS
ALL WEATHER CLASS
1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	1.3	.6	.1	.7						4.6	6.2
NNE	.7	1.2	.9	.6	.1							3.1	5.2
NE	1.2	1.4	1.4	.6								4.6	6.4
ENE	1.4	1.0	.8	.4								3.5	5.4
E	2.9	3.7	.5	.1								6.6	9.2
ESE	2.3	3.8	1.6									7.6	4.7
SE	1.7	5.9	2.6	.6								10.9	5.7
SSE	.9	2.9	3.1	1.6	.2							9.9	7.8
S	2.3	6.4	6.3	3.9	.8							20.0	7.9
SSW	.5	2.4	1.3	.3	.1							4.6	6.5
SW	.5	.3	.3	.3								1.7	6.1
WSW	.3	.1	.5									1.1	5.6
W	.6	.5	.1									1.3	4.2
WNW	.6	.8	.9	.1								2.4	5.5
NW	.6	.5	.3	.2								1.9	4.8
NNW	.6	1.1	.9	.3	.1	.1						3.2	6.9
VARBL													
CALM												14.3	
	14.5	32.8	22.8	17.1	1.4	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595
STATION

DUCKLEY ANGB CO
STATION NAME

77-52
YEARS

247
MONTH

ALL WEATHER
CLASS

2320-2320
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.9	.9	.2	.1						3.3	9.2
NNE	.6	.4	.9	.4	.1							2.6	7.5
NE	.4	.6	.2	.2								1.5	5.6
ENE	.4	.6	.2									1.3	4.4
E	1.3	.9	.8									2.9	4.5
ESE	.3	1.1	.4	.1								2.4	4.8
SE	.2	2.5	1.2	.4								6.2	5.1
SSE	1.6	4.7	1.6	.5								6.5	5.8
S	5.1	15.6	12.4	5.4	1.6	.1						40.1	7.4
SSW	1.2	3.7	3.2	.8								8.8	6.5
SW	.8	1.7	.3	.2		.1						2.4	6.2
WSW	.5	.5	.2	.1								1.4	5.1
W	.6	.4	.4									1.5	4.3
WNW	.3	.4	.1	.1								1.0	5.6
NW	.6	.2	.3	.1								1.3	5.3
NNW	1.0	.6	.4	.9	.2							3.3	7.5
VARBL													
CALM												11.5	
	13.2	34.2	23.5	10.1	2.2	.3						100.1	5.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

024595
STATION

BUCKLEY ANGB CO
STATION NAME

77-82
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.7	1.0	.2	.1	.0					5.5	7.3
NNE	.6	1.2	1.3	.5	.1							4.2	6.9
NE	1.2	1.4	1.7	.3	.0	.1						3.9	6.0
ENE	1.0	1.7	1.1	.1	.0							3.9	5.5
E	1.6	2.2	1.0	.2								5.2	4.9
ESE	1.2	1.6	.6	.0								3.4	4.6
SE	1.3	2.2	.9	.4	.0							4.8	5.5
SSE	1.0	2.5	1.6	.7	.0	.0						5.9	6.6
S	4.2	10.0	8.2	2.9	.6	.1	.0					25.9	6.8
SSW	1.5	3.7	3.3	.7	.2	.7						9.4	6.6
SW	.6	1.0	.7	.2	.0	.1						3.4	5.8
WSW	1.0	.2	.4	.1	.0	.0						2.2	4.7
W	.7	.3	.4	.2	.0	.0						2.3	5.5
WNW	.7	.6	.5	.3	.1	.0						2.2	6.6
NW	.8	.9	.6	.3	.1	.1	.0					2.6	7.0
NNW	.6	1.1	1.3	.5	.1	.0						3.9	7.3
VARBL													
CALM												10.5	
	60.1	34.3	24.5	5.3	1.5	.5	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

7442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

124595 STATION 124595 BUCKLEY ANGB CO STATION NAME 73-82 YEARS 42V MONTH 000-0000 HOURS (L F T)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.0	.2								3.7	6.2
NNE	.4	.9	.6	.1								1.9	5.8
NE	.4	.7	.3	.2								1.7	5.7
ENE	.1	.4	.4									1.1	5.4
E	.3	.4	.1									1.2	4.1
ESE	.3	.4										.3	3.6
SE	1.0	1.0	.4	.3								2.8	5.5
SSE	1.2	2.6	1.6	.3								5.9	5.8
S	7.1	19.6	11.3	4.1	.2	.1						42.4	6.4
SSW	1.0	4.2	2.4	.1								8.7	5.3
SW	.2	2.8	.7	.1								4.3	5.3
WSW	.9	.8	.2									1.9	4.4
W	.5	.7	1.0	.3	.1							2.7	7.3
WNW	.5	.6	.2	.6		.1						2.2	7.7
NW	.3	.2	.3	.7	.1							1.7	8.9
NNW	1.0	.7	.3			.2	.1					2.3	7.3
VARBL													
CALM												14.9	
	17.7	38.3	21.0	7.1	.4	.4	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695 STATION BUCKLEY ANGB CO 73-62 YEARS NCW MONTH
ALL WEATHER CLASS 0300-2500 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.1	.9	.6		.1	.2					2.9	9.8
NNE	.2	.6	.2	.1	.2	.3						1.7	11.8
NE	.1	.8	.1									1.3	4.4
ENE	.7	.6	.2									1.4	4.4
E	.4	.9	.4									1.9	4.8
ESE	.9	1.2										2.1	3.6
SE	.2	2.0		.2								2.4	5.1
SSE	1.3	3.1	.3	.4								5.2	4.9
S	6.9	19.2	11.1	4.7	.1							42.3	6.2
SSW	.9	4.8	4.4	.4								12.6	6.2
SW	1.7	1.9	.8	.1								4.4	4.7
WSW	.4	.8	.6	.2								2.3	6.1
W	.7	.8	.4	.3								2.2	6.1
WNW	.6	.3	.2	.2	.6							1.9	9.6
NW	.7	.6	.3	.2								1.4	6.2
NNW	1.7	1.6	.4			.1						3.3	4.6
VARBL													
CALM												13.1	
	17.3	39.8	20.6	7.6	.9	.6	.2					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 124695 STATION NAME DUCKLEY ANGB CO YEARS 73-82 MONTH NOV
CLASS ALL WEATHER HOURS (LST) 2600-2600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	.4	.3	.6	.2	.2					2.5	10.7
NNE	.1	.4	1.0	.3	.1	.1						2.1	9.3
NE	.7	.7	.6	.2								1.3	7.1
ENE	.9	.7	.1									1.7	3.9
E	1.4	1.1										2.5	3.5
ESE	.3	.9	.3									2.0	4.6
SE	.6	1.0	.1									1.9	3.9
SSE	1.4	3.4	.3	.3								5.6	4.6
S	4.5	19.6	13.4	3.7	.4							41.7	6.5
SSW	2.0	6.0	2.4	.9								11.3	5.7
SW	1.2	2.0	.8	.1	.1							5.0	5.1
WSW	1.1	.0	.6	.2								2.7	5.2
W	1.7	.3	.3	.3	.1	.2						2.7	7.2
WNW	.3	.3		.2	.1	.1						1.1	9.6
NW	.1	.3		.2	.1							.5	9.0
NNW	.5	.2	.3									1.1	4.1
VARBL													
CALM												12.5	
	17.7	39.7	20.5	6.0	1.5	.7	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION 73-52 YEARS 40
BUCKLEY ANGB CO STATION NAME MONTH
ALL WEATHER CLASS 1957-1997
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	1.9	.8	.7	.2	.2					7.3	9.1
NNE	.5	.4	.2	.6	.1	.2						3.3	5.7
NE	.7	1.7	.6	.3								2.6	5.8
ENE	.7	.9	.4	.4								2.4	6.3
E	1.4	1.6	1.1		.1							4.2	6.2
ESE	.7	1.4	1.0	.7								3.8	7.2
SE	.7	.6	.3	.6		.1						2.4	7.8
SSE	1.1	1.1	.7	.3		.1						3.3	6.3
S	2.6	6.1	6.9	3.8	.3	.1						19.9	7.6
SSW	1.7	5.1	3.7	1.7								12.1	6.7
SW	2.8	2.7	2.0	.7								5.1	5.5
WSW	1.0	2.6	.9	.3			.1					4.9	6.2
W	1.7	1.6	.8	1.1	.6	.2						5.9	6.2
WNW	1.1	.4	.3	.6	.2	.1						6.3	7.6
NW	.9	1.0	.1	.1	.1							2.1	5.3
NNW	.9	1.2	.9	.4	.1							3.4	6.6
VARBL													
CALM												12.4	
	19.7	30.1	21.8	12.3	2.2	1.1	.3					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 124595 BUCKLEY ANG B CO STATION NAME YEARS 77-82 NORTH 521
CLASS ALL WEATHERED 1700-1400
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	3.2	5.4	1.4	.2	.4	.3					12.2	7.8
NNE	.7	1.9	2.4	.7	.2	.1						6.0	5.0
NE	1.9	1.5	1.8	.4	.2							5.9	6.4
ENE	1.8	2.0	2.0	.4								6.2	6.9
E	1.6	3.2	2.6	1.2								8.6	6.6
ESE	1.4	2.1	1.2	1.1								5.9	6.6
SE	.3	1.5	1.1	1.1	.5	.1						5.0	7.6
SSE	1.1	1.7	1.2	.4	.1	.2						4.4	7.3
S	1.0	1.4	1.6	1.1	.4							5.3	8.3
SSW	1.0	1.1	.1	.6	.1							2.9	6.4
SW	1.6	.8	.8									3.1	4.4
WSW	.7	.6	.4	.2								1.9	5.6
W	1.1	1.0	1.8	1.1	.4	.2						5.7	9.2
WNW	.9	.1	1.3	1.0	.1	.4	.1					4.0	10.7
NW	1.7	.7	.7	1.1	.1	.1						4.0	7.6
NNW	1.3	1.0	.7	.7	.4	.2						5.1	8.0
VARBL													
CALM												13.2	
	20.4	24.6	23.4	12.7	3.0	1.9	.4					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 104695 BUCKLEY ANG B CO STATION NAME 77-82 YEARS MONTH 1500-1700
CLASS ALL WEATHER HOURS (L E T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.4	2.9	1.2	1.1	.6						11.2	5.7
NNE	1.1	2.0	1.7	.9	.1							6.4	6.5
NE	1.2	2.4	1.8		.1							5.6	5.5
ENE	1.7	2.9	1.7	1.1								7.3	6.2
E	.3	3.2	2.9	.9	.1							10.4	5.7
ESE	1.7	2.4	2.0	.7	.1							6.6	6.4
SE	1.2	2.2	1.4	1.0	.1							9.2	5.7
SSE	.5	1.9	1.6	.8	.1		.1					5.2	7.9
S	.2	2.2	.9	1.1	.3							6.6	6.6
SSW	.1	.4	.4	.2								1.3	6.7
SW	.7	.4	.2									1.3	4.1
WSW	.7	.4	.1									.9	4.3
W	.4	.6	.2	.7	.2	.1						2.4	9.1
WNW	.4	.4	1.3	1.3	.6	.1						4.2	10.8
NW	.3	.5	1.4	.7								3.4	7.2
NNW	1.1	2.1	1.2	1.1								6.2	6.3
VARBL													
CALM												15.2	
	19.6	28.0	21.8	11.7	2.9	.8	.1					100.2	5.9

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 124595 DUCKLEY ANGR CO STATION NAME YEARS 77-82
CLASS ALL WEATHER
HOURS (LST) 1800-2000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.2	0.2	0.2	0.1						6.9	9.1
NNE	1.4	0.7	0.6	0.6	0.1							3.3	6.4
NE	0.7	0.4	0.6	0.2								1.9	6.2
ENE	1.1	1.0	0.7	0.3								3.1	5.5
E	1.0	1.1	1.2	0.2								4.3	5.5
ESE	1.3	2.0	1.1	0.2								4.7	5.6
SE	1.7	3.9	2.3	0.6	0.1							8.5	6.0
SSE	1.0	2.8	2.8	0.7	0.3							5.4	6.8
S	3.6	9.1	5.2	3.0	0.7							11.3	6.8
SSW	1.4	2.2	1.0	0.1								4.3	5.0
SW	1.1	0.9	0.3		0.1							2.3	4.9
WSW	0.9	1.0	0.2	0.1								2.2	4.7
W	1.1	0.4	0.6	0.1								2.4	5.5
WNW	0.7	0.9	0.6	0.6	0.1							3.0	6.9
NW	0.9	0.6	0.9									2.3	4.9
NNW	0.4	1.1	0.9	0.3	0.1							2.9	6.9
VARBL													
CALM												17.0	
	21.8	29.6	20.3	0.2	1.9	0.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704495 BUCKLEY ANGB CO 73-82 VCV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2122-2322
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.9	1.1	1.1	.2							5.1	7.9
NNE	.4	1.0	.4	1.1								3.2	6.2
NE	.0	.2	.4	.1								1.6	3.3
ENE	.4	.2	.1		.1							1.2	4.9
E	.3	.1		.1								1.2	4.7
ESE	1.3	.0	.4	.6								3.1	5.2
SE	1.2	1.4	.8	.4	.1							4.2	5.5
SSE	1.7	3.6	1.8	1.2	.2							8.4	6.8
S	6.3	15.9	11.0	2.6	.2							26.2	6.3
SSW	2.7	3.3	2.6	.3								8.9	5.2
SW	.6	2.1	.7									3.2	5.1
WSW	.2	1.3	.2									2.8	4.2
W	.6	.9	.3	.3								2.1	6.2
WNW	.1	.7	.7	.3								1.8	7.8
NW	.7	.4	.7		.2							2.2	6.4
NNW	.0	.7	.7	.1	.2							2.2	6.9
VARBL													
CALM												12.4	
	12.7	35.1	21.9	3.6	1.3							120.2	5.4

TOTAL NUMBER OF OBSERVATIONS 972

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 BUCKLEY ANGB CO 77-82 724595
STATION NAME YEARS

ALL WEATHER
CLASS

CONDITION

8.1
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	1.6	1.0	.4	.2	.1					8.5	8.5
NNE	.7	1.0	.9	.5	.1	.1						3.3	7.7
NE	.3	1.0	.8	.2	.7							2.7	5.9
ENE	1.0	1.1	.7	.3	.2							3.1	5.7
E	1.3	1.6	1.0	.3	.0							4.3	5.6
ESE	1.0	1.4	.6	.4	.0							3.6	5.9
SE	.9	1.9	.8	.5	.1	.0						4.1	6.5
SSE	1.3	2.5	1.3	.6	.1	.0	.0					5.8	6.3
S	4.3	11.6	7.7	3.0	.3	.0						7.1	6.6
SSW	1.0	3.4	2.1	.5	.0	.0						7.6	5.9
SW	1.3	1.8	.5	.1	.0							4.0	5.0
WSW	.5	1.7	.4	.1			.0					2.3	5.3
W	.9	.8	.7	.5	.2	.1						3.3	7.7
WNW	.6	.5	.6	.6	.2	.1	.0					2.6	9.0
NW	.7	.5	.6	.4	.1	.0						2.2	6.6
NNW	1.0	1.2	.7	.3	.1	.1	.0					3.4	6.6
VARBL													
CALM												14.0	
	19.3	33.1	21.4	9.5	1.8	.7	.2					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION DUCKLEY ANG8 CO 72-52 YEARS DEC 1977-1978
STATION NAME CLASS ALL WEATHER HOURS (LST) 1000-2200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.8	1.2	.3							5.1	7.8
NNE	.1	.5	.4	.1								1.4	5.1
NE	.1	.2	.5	.1								1.6	6.3
ENE	.6	.5	.9	.7								2.3	6.0
E	1.2	1.7	.4	.3								2.9	5.1
ESE	1.1	1.7	.2									2.2	4.7
SE	.6	2.2	1.1	.1								4.0	5.7
SSE	1.1	1.6	1.1	.6								4.7	6.2
S	2.6	17.6	10.9	6.4	.4							35.2	7.3
SSW	1.9	5.3	2.8	.9		.2						11.1	6.3
SW	.8	1.9	1.7	.3								4.0	5.9
WSW	.5	.9	.2	.2								2.1	5.2
W	.9	1.8	.9	.4	.2							4.2	7.2
WNW	.2	1.0	.9	.3	.1	.1						2.6	8.5
NW	.3	1.0	.1	.2								1.6	5.4
NNW	.4	.9	.4	.3								2.1	6.9
VARBL													
CALM												9.3	
	14.2	40.7	22.6	11.8	1.1	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

024595 STATION LUCKLEY ANGR CO STATION NAME 77-52 YEARS 022 MONTH NORTH
ALL WEATHER CLASS 0300-2500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.4	1.1	.4	.1						4.5	7.2
NNE		.3	.6	.1								1.1	7.5
NE	.3	.3	.3	.5								1.9	7.4
ENE	.3	.5	.5	.2								1.9	6.5
E	.4	.3	.2	.3								1.5	6.1
ESE	.5	.5	.4									1.5	5.4
SE	.3	2.2	1.2	.1								4.2	5.6
SSE	.3	2.2	1.2	.2								5.3	6.2
S	.1	16.5	11.4	6.2	.5							7.7	7.2
SSW	1.7	5.3	2.2	.8	.1							10.1	6.0
SW	1.6	1.4	1.2	.3								5.3	5.5
WSW	.3	1.3	.8	.1								2.9	5.4
W	1.2	.3	1.6	.1	.1	.2						4.3	6.9
WNW	.3	.3	1.1	.2	.1	.1						2.1	9.3
NW	.2	.3	1.0	.4								2.5	7.9
NNW	.3	.6	.2	.3								2.1	5.4
VARBL													
CALM												11.5	
	13.7	36.0	26.0	11.0	1.3	.4						170.2	6.1

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 STATION BUCKLEY ANG3 CO STATION NAME 73-82 YEARS MONTH DEC
ALL WEATHER CLASS 0600-2400 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	.6	1.2	.1	.1						3.1	5.5
NNE	.3	.3	1.0	.2								2.3	6.3
NE	.3	.6	.7	.2	.1							1.4	7.3
ENE		.3	.5	.2								1.3	8.9
E	.3	1.4	.5									2.7	4.6
ESE	.2	.7	.6	.1								1.9	6.4
SE	.5	2.5	1.5									4.2	5.5
SSE	1.7	2.9	1.7	.9	.2							6.6	6.8
S	5.0	14.8	11.7	.2	.1							37.8	7.1
SSW	1.1	3.7	3.7	1.1								9.5	6.7
SW	1.5	1.9	.6	.3								4.4	5.1
WSW	.6	.8	.5	.2								2.2	5.5
W	1.1	1.7	1.4	.3	.1	.2						4.9	8.9
WNW	.4	1.2	.3	.5	.7			.1				2.8	8.4
NW	.5	.4	.3	.2	.1	.1						1.7	7.8
NNW	.6	.5	.2	.2	.1							2.1	5.9
VARBL													
CALM												10.5	
	15.2	34.8	25.9	11.9	1.1	.4		.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724595 DUCKLEY ANGR CO 73-82 282
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

CONDITION

0900-1100
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.4	1.3	.6	.3	.3	.1					3.2	11.2
NNE	.4	.5	.9	.3								2.2	7.2
NE	.5	.4	.4	.7								1.4	7.5
ENE	.4	.6	.4	.8								2.3	7.8
E	.3	.9	.5	.5	.1							3.3	7.2
ESE	.4	.6	.9	.6	.1							2.7	6.1
SE	.8	1.5	.5									2.8	5.0
SSE	1.0	1.5	1.7	.5	.2	.1						5.1	7.5
S	2.9	6.5	17.6	7.5	.2							27.7	8.2
SSW	1.1	3.4	4.4	2.4	.1							11.4	7.8
SW	1.4	3.0	2.5	.4	.2							7.6	6.2
WSW	.6	1.4	1.4	.3								3.8	6.3
W	.5	1.9	1.1	1.0	.4	.1						5.2	8.3
WNW	.5	1.0	.9	.9	.8	.3						4.3	10.7
NW	.5	1.5	1.0	.6	.2							3.9	7.8
NNW	.8	.5	.8	.5								2.5	7.1
VARBL													
CALM												10.3	
	13.0	25.9	29.7	17.5	2.7	.9	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 STATION 724595 DUCKLEY ANG3 CO STATION NAME 77-82 YEARS 000 MONTH 1200-1400 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	2.9	1.3	.6	.1						6.4	6.6
NNE	.4	1.3	1.0	.5	.1							3.4	7.4
NE	1.4	1.0	1.3	.9								4.5	6.6
ENE	1.1	1.7	1.5	1.1	.1							4.3	7.7
E	1.5	2.3	2.2	.4	.1							6.3	6.6
ESE	.9	1.0	1.1	.6								3.6	6.6
SE	1.0	1.9	.4	.9								4.2	6.3
SSE	1.4	.6	.9	.7	.3							3.6	6.6
S	1.3	2.5	4.7	1.3	.2							12.9	7.1
SSW	1.3	2.3	2.1	.6	.2							6.6	6.7
SW	2.2	1.3	1.2	.2								4.9	5.0
WSW	1.7	.9	.6	.4	.1	.1						3.1	7.2
W	1.5	1.4	1.7	1.7	1.0	.2	.1					7.7	9.6
WNW	.7	.6	1.2	1.4	.8	.4	.1					5.3	11.8
NW	.5	1.4	1.3	1.6	.3	.1	.3					5.6	10.5
NNW	1.5	2.2	1.3	.2	.6	.2						6.1	7.3
VARBL													
CALM												10.5	
	23.5	23.7	25.3	13.7	4.5	1.2	.5					120.0	6.9

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

724595 JUCKLEY ANGB CO 77-52 252
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.7	1.8	.9	.4	.2						2.1	7.2
NNE	.5	1.3	1.2	.8	.1							4.1	7.2
NE	.4	1.5	.6	.5								3.1	7.1
ENE	.5	2.9	1.5	.2								5.3	5.8
E	2.5	2.6	1.4	.8								7.4	5.6
ESE	1.2	2.3	1.5	.9								6.5	6.1
SE	1.2	2.0	1.9	.7								6.4	5.9
SSE	.4	1.7	1.7	.8								4.7	7.1
S	2.7	2.8	3.1	.8								9.4	6.1
SSW	.2	.6	.6	.2	.1							2.4	6.7
SW	.4	1.0	.3	.4								2.2	6.5
WSW	.1	.5	.6	.1	.2	.1						2.3	7.6
W	1.2	.9	1.6	1.3	.4	.2						5.6	9.5
WNW	1.1	.9	1.7	2.8	1.7	.1						6.3	11.0
NW	.5	1.7	1.6	.9	.3	.1						5.3	8.3
NNW	1.7	2.1	1.5	.3	.3	.4						6.4	7.2
VARBL													
CALM												14.1	
	10.2	28.5	22.3	11.6	2.9	1.2						110.2	6.2

TOTAL NUMBER OF OBSERVATIONS 524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14695 BUCKLEY ANGB CO STATION NAME 77-32 YEARS 1977-2000
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.4	1.1	.1							4.5	7.8
NNE	.4	.4	1.1	.2								2.2	6.6
NE	.5	.3	1.0	.3								1.8	8.2
ENE	.5	1.3	.5									2.4	4.8
E	.5	2.2	1.1	.8								4.5	6.9
ESE	1.0	2.2	.8	.4	.1							4.4	5.9
SE	1.7	3.0	1.9	.4								7.1	5.7
SSE	.2	2.7	2.6	1.5								7.5	7.4
S	4.3	11.3	8.1	2.1	.4							26.2	6.4
SSW	1.4	2.5	1.0	.3	.1							6.3	6.1
SW	1.7	1.4	.8	.2	.3							4.4	5.9
WSW	.5	.9	1.0	.4	.2							3.0	7.8
W	1.9	1.5	.8	1.0	.1							5.2	6.3
WNW	.4	1.2	1.2	.6	.3							3.8	8.3
NW	.2	.6	.8	.1								2.4	5.5
NNW	.4	1.1	.3		.3	.1						2.2	8.1
VARBL													
CALM												11.7	
	17.9	33.5	25.2	5.5	2.1	.1						100.2	5.8

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

124895 BUCKLEY ANGR CO 73-82 73
STATION STATION NAME YEARS NORTH
ALL WEATHER CLASS 100-2300
HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.5	.4	1.0	.2							3.2	6.2
NNE	.5	1.0	.5									2.2	5.3
NE	1.0	.9	.5	.1	.1							2.3	5.5
ENE	.5	1.3	.1	.3	.1							2.4	6.0
E	.9	1.3	.4	.4								3.0	5.3
ESE	.5	1.7	.5	.2								3.2	5.6
SE	1.1	1.4	.5	.5								4.0	5.9
SSE	1.0	2.4	1.2	1.1								5.6	6.7
S	2.6	15.7	12.7	5.6	1.0	.3						37.2	7.6
SSW	1.5	4.0	3.4	1.0	.4							10.3	6.9
SW	1.3	2.1	1.2	.3								4.9	5.6
WSW	.9	1.4	.8	.3		.1	.1					3.5	6.8
W	.5	.6	.5	.9	.1	.2						2.9	9.2
WNW	.3	.4	.8	.3	.1							1.9	8.4
NW	.1	.4	.4	.1								1.1	7.0
NNW	.7	.3	.4	.2	.3							1.6	10.0
VARBL													
CALM												10.3	
	14.3	35.4	24.8	12.4	2.4	.5	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

734595 STATION 24CKLEY ANGB CO 77-82 YEARS 360 SOUTH
ALL WEATHER CLASS ALL HOURS (L & Y)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	1.3	1.1	.3	.1	.0					5.2	5.4
NNE	.4	.7	.9	.3	.0							2.3	6.8
NE	.5	.8	.6	.4	.0							2.3	6.9
ENE	.6	1.1	.8	.4	.0							2.6	6.5
E	1.1	1.6	.9	.4	.0							4.0	5.9
ESE	.8	1.4	.8	.4	.0							3.4	6.0
SE	1.0	2.3	1.1	.3								4.7	5.7
SSE	.9	2.0	1.6	.7	.1	.0						5.3	6.9
S	2.2	10.9	9.1	4.5	.4	.0						24.1	7.3
SSW	1.4	3.4	2.6	.9	.1	.0						6.5	6.7
SW	1.4	1.8	1.1	.3	.1							4.7	5.7
WSW	.7	1.0	.7	.3	.1	.0	.0					2.9	6.5
W	1.1	1.3	1.2	.8	.3	.1	.0					5.0	8.1
WNW	.3	.8	.9	.9	.4	.1	.0	.0				3.7	10.0
NW	.5	1.0	.8	.5	.1	.0	.0					3.0	6.1
NNW	.9	1.0	.6	.3	.2	.1						3.1	7.2
VARBL													
CALM												11.0	
	16.0	32.3	25.2	12.5	2.3	.6	.1	.0				120.7	6.3

TOTAL NUMBER OF OBSERVATIONS 7392

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

724695
STATION

BUCKLEY ANGB CO
STATION NAME

73-83
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	2.0	1.1	.3	.1	.0	.0				0.7	7.5
NNE	.7	1.2	1.0	.5	.1	.0	.0					3.6	7.1
NE	.7	1.2	1.0	.4	.1	.0	.0					3.3	6.7
ENE	.7	1.3	1.1	.4	.0	.0						3.6	6.5
E	1.1	1.6	1.4	.5	.1	.0						5.0	6.3
ESE	.5	1.4	1.1	.5	.0	.0						3.8	6.6
SE	.5	1.8	1.4	.7	.1	.0	.0	.0				4.9	7.1
SSE	.9	2.2	1.8	1.0	.2	.1	.0	.0				6.2	7.9
S	2.6	8.7	7.5	3.6	.7	.3	.0	.0				23.4	7.7
SSW	1.2	3.2	2.6	.9	.2	.1	.0	.0				5.1	7.0
SW	1.0	1.8	1.0	.4	.1	.0	.0	.0				4.3	6.2
WSW	.5	1.1	.6	.2	.1	.0	.0					2.9	6.0
W	1.0	1.2	.9	.5	.2	.1	.0					3.9	7.3
WNW	.0	.5	.7	.5	.2	.1	.0	.0				3.0	6.4
NW	.5	.9	.9	.4	.1	.0	.0	.0				3.1	7.7
NNW	.2	1.3	1.2	.6	.1	.1	.0	.0	.0	.0		4.1	7.5
VARBL	.0											.0	3.0
CALM												15.2	
	15.6	32.2	20.2	12.1	2.6	.9	.1	.0	.0	.0		100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

67590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 124595 STATION NAME BUCKLEY ANGR CO YEARS 77-83
INSTRUMENT CLASS
CONDITION CTS 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/ CTS 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.1	7.1	6.5	1.8	.3	.1	.2				22.7	9.3
NNE	1.2	3.3	3.6	1.9	.3	.1						10.4	7.9
NE	1.0	3.1	2.4	1.3	.1	.0						7.9	7.0
ENE	1.2	2.6	2.5	.5	.1	.0						7.0	6.5
E	1.1	2.3	1.7	.5	.0							5.6	6.3
ESE	.6	1.1	.6	.2	.1							2.5	6.0
SE	.2	.5	.2	.2	.0	.0						1.1	6.6
SSE	.3	.2	.1	.0	.0							.7	5.0
S	.5	.3	.1	.0								1.2	3.9
SSW	.4	.3	.1									.9	4.1
SW	.5	.4	.1	.0				.1				1.1	5.4
WSW	.5	.4	.1									1.2	3.9
W	.9	1.2	.2	.1	.0							2.3	4.3
WNW	.8	1.0	.5	.2	.0	.0						2.4	5.5
NW	.9	1.5	1.5	.8	.1	.1	.0	.0				5.0	7.8
NNW	1.7	3.3	3.8	2.8	.5	.3	.1	.1	.1			12.7	9.1
VARBL													
CALM												15.7	
	14.5	26.7	24.8	14.1	3.0	.8	.2	.2	.1			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 5452

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLE FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq 5/16$	$\geq \frac{1}{8}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

74-63

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2359

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
10000	60.5	70.3	72.3	73.8	70.8	70.8	70.9	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.3
8000	3.8	75.7	75.8	76.2	76.2	76.2	76.3	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.7	76.9
6000	74.1	76.7	76.1	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	77.0	77.2
4000	74.1	76.7	76.1	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	77.0	77.2
2000	74.4	76.3	76.5	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.5
1000	77.7	79.7	79.8	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.9
800	77.6	81.7	81.8	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.7	82.9
600	79.8	81.9	82.7	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.9	83.1
400	81.4	83.5	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.7
200	81.6	83.8	83.9	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.9
100	82.7	84.3	84.4	84.8	84.8	84.8	84.9	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.5
80	82.5	84.7	84.8	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.7	85.9
60	82.5	84.7	84.8	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.7	85.9
40	82.5	84.7	84.8	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.7	85.9
20	83.3	85.8	86.1	86.7	86.7	86.7	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.3
10	83.4	86.3	86.8	87.4	87.4	87.4	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.8	88.1
8	83.9	86.9	87.3	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.7
6	84.2	87.5	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.9	89.0	89.1	89.1	89.1	89.2	89.5
4	84.5	88.0	88.4	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.5	89.9
2	84.5	88.0	88.4	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.5	89.9
1	84.9	88.5	89.1	89.9	90.0	90.0	90.1	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.9	91.0
0.8	85.5	89.7	90.4	91.4	91.5	91.5	91.6	91.8	91.8	92.0	92.2	92.2	92.2	92.2	92.3	92.5
0.6	85.7	90.1	91.1	92.2	92.8	93.0	93.2	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.1	94.3
0.4	85.9	90.5	91.5	92.6	93.2	93.4	93.7	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.8
0.2	85.9	90.6	91.6	92.7	93.4	93.8	94.0	94.5	94.5	94.8	94.9	94.9	94.9	94.9	95.1	95.3
0.1	85.9	90.9	91.9	93.4	94.2	94.5	94.7	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.8	96.0
0.08	85.9	91.1	92.2	93.8	94.6	94.9	95.3	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.3	96.6
0.06	86.1	91.3	92.4	94.2	95.2	95.5	95.8	96.6	96.6	97.3	97.6	97.6	97.6	97.6	97.7	98.0
0.04	86.3	91.5	92.6	94.4	95.4	95.7	96.1	96.9	97.0	97.1	98.1	98.4	98.4	98.4	98.7	99.0
0.02	86.3	91.5	92.6	94.4	95.4	95.7	96.1	96.9	97.0	97.1	98.1	98.4	98.4	98.4	98.7	99.0
0.01	86.6	91.7	92.8	94.6	95.6	95.9	96.3	97.2	97.3	98.5	98.9	98.9	98.9	99.4	99.4	99.7
0.00	86.6	91.7	92.8	94.6	95.6	95.9	96.3	97.2	97.3	98.5	98.9	98.9	98.9	99.4	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24595

BUCKLEY AFB CO

74-63

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	54.4	66.5	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
2 27000	72.9	74.9	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
2 18000	72.9	74.9	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
2 15000	72.9	74.9	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
2 14000	73.3	75.4	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
2 13000	76.0	78.1	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
2 12000	78.3	81.4	81.9	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
2 11000	78.8	81.0	81.4	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
2 10000	79.9	82.2	82.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
2 9000	80.1	82.4	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7
2 8000	80.9	83.2	83.8	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
2 7000	81.6	84.0	84.5	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
2 6000	81.7	84.1	84.6	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
2 5000	82.2	84.7	85.4	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
2 4000	82.3	84.9	85.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
2 3000	83.1	85.8	86.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
2 2100	83.8	86.5	87.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
2 2000	84.2	86.9	87.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
2 1800	84.3	87.0	87.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
2 1500	85.2	88.1	89.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
2 1400	85.7	90.0	91.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
2 1300	86.0	90.5	91.7	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
2 1200	86.2	90.8	91.9	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
2 1100	86.3	90.9	92.0	93.3	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
2 1000	86.6	91.1	92.5	93.8	94.8	94.8	94.8	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
2 900	86.8	91.5	93.0	94.3	95.5	95.5	95.7	96.0	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.5
2 800	87.0	91.8	93.3	94.6	95.8	95.8	96.1	96.5	96.6	96.8	97.0	97.1	97.1	97.1	97.4	97.4
2 700	87.0	91.9	93.4	94.7	95.9	95.9	96.1	96.6	96.7	96.9	97.1	97.2	97.2	97.2	97.5	97.5
2 600	87.0	91.9	93.7	95.1	96.6	96.6	96.8	97.3	97.5	97.8	98.2	98.3	98.3	98.3	98.6	98.6
2 500	87.0	91.9	93.7	95.1	96.6	96.6	96.9	97.5	97.8	98.3	98.6	98.7	98.9	98.9	99.2	99.6
2 400	87.0	91.9	93.7	95.1	96.6	96.6	96.9	97.5	97.8	98.3	98.6	98.7	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

932

USAF ETAC

FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-595 BUCKLEY AFB CO

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1620-2500

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	63.1	64.5	64.9	65.1	65.3	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
900	73.1	74.7	75.1	75.2	75.4	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8
800	73.1	74.7	75.1	75.2	75.4	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.8
700	73.3	74.9	75.3	75.4	75.6	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.2	76.2
600	74.5	76.1	76.5	76.6	76.8	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2
500	77.5	79.1	79.5	79.7	79.9	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3
400	79.5	81.2	81.6	81.8	82.0	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5
300	79.7	81.4	81.8	82.0	82.3	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7
200	80.1	81.8	82.3	82.5	82.7	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1
100	81.1	82.7	83.1	83.4	83.7	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1
0	81.4	83.3	83.8	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.7	84.7
1000	81.8	83.3	84.2	84.5	84.7	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2
900	82.4	84.3	84.7	85.2	85.4	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8
800	83.5	85.7	86.2	86.7	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4
700	83.7	85.8	86.3	86.8	87.1	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5
600	84.2	86.5	87.0	87.6	88.1	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5
500	84.9	87.3	87.8	88.5	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.4
400	85.4	87.7	88.3	89.0	89.6	89.7	89.8	90.0	90.0	90.2	90.2	90.3	90.3	90.3	90.4	90.4
300	85.5	88.1	88.5	89.4	90.0	90.1	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.8	90.8
200	85.8	88.6	89.2	90.1	90.8	90.9	91.0	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7
100	85.9	88.9	89.7	90.6	91.4	91.5	91.6	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5
0	86.1	89.1	90.3	91.3	92.0	92.2	92.4	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.3	93.3
1000	86.5	89.8	91.2	92.2	92.9	93.0	93.3	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.3	94.3
900	86.8	90.4	91.8	92.8	93.7	93.8	94.1	94.6	94.6	94.7	94.8	94.8	94.8	94.8	95.1	95.1
800	86.9	90.5	92.0	93.0	93.9	94.0	94.3	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.3	95.3
700	86.9	90.6	92.2	93.2	94.1	94.3	94.6	95.2	95.2	95.3	95.4	95.4	95.4	95.6	95.8	95.8
600	87.1	90.8	92.3	93.3	94.3	94.5	95.1	95.7	95.7	95.9	96.0	96.0	96.0	96.2	96.5	96.5
500	87.1	90.9	92.4	93.4	94.9	95.2	95.8	96.6	96.7	96.9	97.4	97.5	97.5	97.7	98.1	98.1
400	87.0	91.0	92.5	93.5	95.1	95.3	96.0	96.8	96.9	97.1	97.7	97.8	98.4	98.4	98.8	98.9
300	87.1	91.0	92.5	93.5	95.1	95.3	96.0	96.8	96.9	97.1	97.7	97.8	98.8	98.8	99.6	99.8
200	87.1	91.1	92.5	93.5	95.1	95.3	96.0	96.8	96.9	97.1	97.7	97.8	98.9	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO

STATION NAME

74-63

YEAR

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	57.4	58.5	58.9	59.2	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.2
≥20000	71.9	73.2	73.7	74.0	74.5	74.7	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.2	75.2
≥18000	71.9	73.2	73.7	74.0	74.5	74.7	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.2	75.2
≥16000	72.6	73.9	74.3	74.6	75.2	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8
≥14000	74.8	76.2	76.7	77.0	77.5	77.7	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2
≥12000	78.4	79.9	80.3	80.6	81.2	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8
≥10000	81.8	83.4	84.0	84.3	84.8	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.5	85.5
≥9000	82.4	84.0	84.5	84.6	85.4	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0
≥8000	82.9	84.5	85.1	85.4	85.9	86.1	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.6
≥7000	83.3	85.1	85.7	86.0	86.6	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2
≥6000	84.0	85.7	86.3	86.7	87.2	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8
≥5000	84.1	85.8	86.5	86.8	87.3	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	88.0	88.0
≥4500	84.1	85.9	86.6	87.0	87.5	87.7	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2
≥4000	84.4	86.6	87.2	87.8	88.5	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.2
≥3500	84.8	87.0	87.5	88.3	88.9	89.1	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8
≥3000	85.4	87.5	88.2	88.8	89.5	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3
≥2500	85.3	88.2	88.9	89.6	90.2	90.4	90.8	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2
≥2000	85.8	88.3	89.0	89.7	90.4	90.6	91.1	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.7	91.7
≥1800	85.8	88.5	89.2	89.9	90.6	90.9	91.3	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.9	91.9
≥1600	85.9	88.7	89.0	90.6	91.4	91.6	92.0	92.6	92.6	92.7	92.9	92.9	92.9	92.9	93.0	93.0
≥1400	86.1	89.2	90.5	91.2	92.0	92.3	92.8	93.4	93.4	93.5	93.8	93.8	93.8	93.8	93.9	93.9
≥1200	86.1	89.7	91.0	91.6	92.6	92.8	93.5	94.3	94.3	94.5	94.7	94.7	94.7	94.7	94.8	94.8
≥1000	86.1	89.8	91.2	91.8	92.8	93.0	93.8	94.5	94.5	94.9	95.3	95.4	95.4	95.4	95.5	95.5
≥900	86.1	89.8	91.3	92.0	93.2	93.4	94.3	95.1	95.1	95.5	95.8	95.9	95.9	95.9	96.0	96.0
≥800	86.7	90.3	91.8	92.6	93.8	94.0	94.9	95.7	95.7	96.1	96.5	96.6	96.6	96.7	96.8	96.8
≥700	86.9	90.5	92.0	92.8	94.1	94.3	95.3	96.0	96.0	96.6	96.9	97.0	97.0	97.1	97.2	97.2
≥600	86.9	90.5	92.0	92.8	94.2	94.5	95.6	96.5	96.5	97.1	97.4	97.5	97.5	97.6	97.7	97.7
≥500	86.9	90.5	92.0	92.8	94.5	94.8	96.1	97.0	97.0	98.2	98.6	98.8	98.8	98.9	99.0	99.0
≥400	86.9	90.5	92.0	92.8	94.6	94.9	96.2	97.2	97.2	98.4	99.0	99.2	99.4	99.5	99.6	99.6
≥300	86.9	90.5	92.0	92.8	94.6	94.9	96.2	97.2	97.2	98.4	99.1	99.4	99.5	99.6	99.9	100.0
≥200	86.9	90.5	92.0	92.8	94.6	94.9	96.2	97.2	97.2	98.4	99.1	99.4	99.5	99.6	99.9	100.0
≥100	86.9	90.5	92.0	92.8	94.6	94.9	96.2	97.2	97.2	98.4	99.1	99.4	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704595
STATION

BUCKLEY ANG B CO
STATION NAME

74-83
YEARS

JAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1222-1422
TIME

CEILING FEET		VISIBILITY STATUTE MILES															
		≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0.4
≥2000	NO. OF OBS.	59.4	50.0	50.5	61.2	61.6	61.6	61.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥1800	74.6	75.5	76.0	76.8	77.2	77.2	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥1600	74.7	75.6	76.1	76.9	77.3	77.3	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥1400	75.3	76.1	76.7	77.4	77.8	77.8	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥1200	77.7	78.6	79.1	79.9	80.3	80.3	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥1000	81.2	82.2	82.7	83.4	83.9	83.9	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥900	85.2	86.2	86.9	87.6	88.1	88.1	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥800	86.1	87.2	87.8	88.6	89.0	89.0	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥700	86.2	87.4	88.1	88.8	89.2	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥600	86.9	88.1	88.7	89.5	89.9	89.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥500	86.9	88.1	88.7	89.5	89.9	89.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥450	87.1	88.3	88.9	89.7	90.1	90.1	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥400	87.3	88.6	89.2	90.1	90.8	90.8	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥350	87.6	88.9	89.5	90.4	91.1	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥300	88.1	89.5	90.1	91.1	91.8	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥250	88.5	90.0	90.6	91.6	92.6	92.6	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥200	88.9	91.0	91.6	92.6	93.5	93.5	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥180	88.9	91.1	91.7	92.7	93.7	93.7	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥150	89.2	91.5	92.4	93.3	94.4	94.4	94.6	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥120	89.5	91.7	92.6	93.7	94.9	94.9	95.2	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥100	89.5	92.0	93.3	94.4	95.7	95.7	95.9	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥90	89.5	92.0	93.3	94.5	95.8	95.9	96.1	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥80	89.5	92.0	93.3	94.5	96.0	96.1	96.3	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥70	89.5	92.0	93.3	94.5	96.0	96.1	96.3	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥60	89.5	92.0	93.3	94.5	96.0	96.1	96.3	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥50	89.5	92.0	93.4	94.6	96.1	96.3	96.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥40	89.5	92.0	93.4	94.6	96.1	96.3	96.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥30	89.5	92.0	93.4	94.6	96.1	96.3	96.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥20	89.5	92.0	93.4	94.6	96.1	96.3	96.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥10	89.5	92.0	93.4	94.6	96.1	96.3	96.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	50.7	56.1	59.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
900	70.0	71.8	72.3	72.5	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
800	70.0	71.8	72.3	72.5	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
700	70.4	72.3	72.7	72.9	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
600	74.5	76.3	76.8	77.0	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
500	79.7	81.5	81.9	82.2	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
400	83.5	85.5	86.0	86.2	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
300	83.9	85.8	86.3	86.7	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
200	84.5	86.5	87.1	87.4	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
100	84.8	86.8	87.4	87.7	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
900	86.2	88.2	89.1	89.5	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
800	86.3	88.3	89.2	89.6	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
700	86.5	88.4	89.4	89.7	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
600	87.1	89.0	90.0	90.3	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
500	87.2	89.1	90.2	90.6	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
400	87.3	89.2	90.3	90.8	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
300	87.7	89.7	90.8	91.3	91.9	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
200	87.8	90.0	91.1	91.7	92.6	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
100	87.8	90.1	91.2	91.8	92.7	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
900	88.1	90.8	91.9	92.6	93.4	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
800	88.2	91.2	92.4	93.0	94.2	94.5	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
700	88.3	91.3	92.7	93.5	94.8	95.3	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
600	88.3	91.3	92.7	93.5	95.2	95.6	95.9	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
500	88.3	91.3	92.7	93.5	95.2	95.8	96.1	96.6	96.8	97.0	97.0	97.0	97.0	97.1	97.2	97.2
400	88.3	91.3	92.7	93.5	95.2	95.8	96.1	96.6	96.8	97.0	97.0	97.0	97.0	97.2	97.3	97.3
300	88.4	91.4	92.8	93.7	95.3	95.9	96.2	96.8	97.0	97.2	97.2	97.2	97.2	97.4	97.5	97.5
200	88.4	91.5	92.9	93.8	95.4	96.1	96.5	97.0	97.2	97.7	97.8	98.0	98.2	98.3	98.5	98.5
100	88.4	91.5	92.9	93.9	95.6	96.3	96.7	97.3	97.5	98.1	98.2	98.3	98.5	98.6	98.8	98.8
900	88.4	91.5	92.9	93.9	95.6	96.3	96.7	97.3	97.5	98.1	98.3	98.4	98.9	99.0	99.5	99.6
800	88.4	91.5	92.9	93.9	95.6	96.3	96.7	97.3	97.5	98.1	98.3	98.4	99.0	99.1	99.6	99.7
700	88.4	91.5	92.9	93.9	95.6	96.3	96.7	97.3	97.5	98.1	98.3	98.4	99.0	99.1	99.6	99.9
600	88.4	91.5	92.9	93.9	95.6	96.3	96.7	97.3	97.5	98.1	98.3	98.4	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANG CO

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-2000

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO FILING	62.5	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2000	70.4	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800	70.5	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 1600	71.1	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1400	73.1	75.1	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1200	77.8	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1000	81.5	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 800	82.4	84.8	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 700	82.7	84.9	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 600	84.1	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 500	84.4	87.2	87.6	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	84.5	87.1	87.7	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	84.8	87.5	88.4	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	85.3	88.1	88.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	85.5	88.5	89.6	90.5	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	85.7	88.7	89.8	90.8	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	86.0	89.1	90.2	91.2	91.8	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	86.3	89.1	90.2	91.2	91.8	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1600	86.3	89.5	90.6	91.6	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1400	86.3	89.5	90.9	91.9	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	86.2	90.1	92.0	93.2	94.4	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	86.2	90.1	92.3	93.5	94.7	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	86.2	90.1	92.4	93.6	94.9	95.1	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	86.2	90.1	92.4	93.9	95.2	95.3	95.7	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	86.2	90.1	92.4	94.0	95.4	95.5	95.9	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	86.2	90.2	92.5	94.2	95.6	95.7	96.3	97.3	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	86.2	90.2	92.5	94.3	95.7	95.9	96.6	97.7	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	86.2	90.2	92.6	94.4	95.8	96.0	96.7	98.0	98.2	98.8	99.0	99.1	99.2	99.2	99.2	99.2
≥ 200	86.2	90.2	92.6	94.4	95.9	96.1	96.9	98.2	98.4	99.0	99.2	99.4	99.5	99.5	99.5	99.5
≥ 100	86.2	90.2	92.6	94.4	95.9	96.1	96.9	98.2	98.4	99.1	99.4	99.5	99.6	99.6	99.6	99.6
≥ 50	86.2	90.2	92.6	94.4	95.9	96.1	96.9	98.2	98.4	99.1	99.4	99.5	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724895

BUCKLEY ANGB CO

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2132-2330

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO REPORT	65.6	67.2	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2 2000	72.5	74.2	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
2 1800	72.5	74.2	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
2 1600	72.7	74.4	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
2 1400	73.7	75.4	75.6	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
2 1200	77.3	79.0	79.2	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
2 1000	80.3	82.2	82.4	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
2 800	80.8	82.6	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
2 600	81.8	83.7	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
2 400	82.1	83.9	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2 200	82.3	84.3	84.5	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
2 100	83.1	85.4	85.6	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
2 50	83.2	85.6	85.8	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
2 0	84.1	87.4	87.8	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
1 2000	84.2	88.0	88.5	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1 1800	84.5	88.4	88.9	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1 1600	84.8	89.1	89.8	90.3	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
1 1400	84.9	89.1	90.3	91.0	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1 1200	85.3	90.1	90.8	91.4	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1 1000	85.8	90.8	91.4	92.0	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
1 800	85.9	91.0	91.9	93.1	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1 600	85.9	91.1	92.3	93.9	94.2	94.4	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1 400	86.0	91.3	92.9	94.5	94.8	95.1	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1 200	86.0	91.3	92.9	94.5	94.8	95.1	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1 100	86.0	91.4	93.0	94.6	94.9	95.2	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1 50	86.0	91.6	93.4	95.1	95.7	95.9	96.9	96.9	96.9	97.1	97.1	97.3	97.3	97.3	97.4	97.5
1 0	86.0	91.6	93.5	95.3	96.2	96.5	97.5	98.0	98.0	98.4	98.5	98.7	98.8	98.8	98.9	99.0
0 2000	86.0	91.7	93.8	95.5	96.5	96.7	97.8	98.4	98.4	98.8	98.9	99.2	99.4	99.4	99.5	99.6
0 1800	86.0	91.7	93.8	95.6	96.6	96.8	98.0	98.5	98.5	98.9	99.0	99.4	99.5	99.5	99.6	99.7
0 1600	86.0	91.7	93.8	95.6	96.7	96.9	98.2	98.7	98.7	99.1	99.2	99.6	99.7	99.7	99.8	99.9
0 1400	86.0	91.7	93.8	95.6	96.7	96.9	98.2	98.7	98.7	99.1	99.2	99.6	99.7	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 932

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

74-53

1A5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO FLOOR	62.2	63.7	67.9	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 2000	72.4	74.1	74.4	74.7	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.3
≥ 1800	72.5	74.1	74.4	74.8	75.0	75.0	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3
≥ 1600	72.8	74.4	74.8	75.1	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7
≥ 1400	74.5	76.2	76.5	76.8	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 1200	78.2	79.9	80.7	80.6	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.2
≥ 1000	81.1	82.9	83.3	83.7	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 900	81.5	83.3	83.7	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7
≥ 800	82.4	84.3	84.7	85.1	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7
≥ 700	82.7	84.6	85.0	85.4	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.2
≥ 600	83.5	85.5	86.0	86.4	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9
≥ 500	83.8	85.9	86.4	86.8	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
≥ 450	84.7	86.0	86.5	87.0	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 400	84.6	86.9	87.6	88.1	88.4	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 350	84.7	87.3	87.9	88.6	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
≥ 300	85.2	87.8	88.5	89.2	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.1
≥ 250	85.7	88.4	89.1	89.9	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 200	86.7	88.8	89.6	90.4	90.9	91.0	91.0	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.6
≥ 150	86.0	89.0	89.7	90.5	91.0	91.2	91.3	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.7	91.7
≥ 100	86.3	89.5	90.4	91.2	91.8	91.9	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6
≥ 90	86.6	90.1	91.1	92.1	92.8	92.9	93.1	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.7
≥ 80	86.7	90.5	91.7	92.8	93.7	93.9	94.2	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥ 70	86.8	90.6	92.0	93.1	94.1	94.2	94.6	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.5
≥ 60	86.9	90.7	92.2	93.3	94.3	94.5	94.9	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.9	96.0
≥ 50	87.0	90.9	92.4	93.6	94.7	94.9	95.3	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.4	96.5
≥ 40	87.1	91.1	92.6	93.9	95.1	95.3	95.7	96.3	96.4	96.6	96.7	96.8	96.8	96.8	96.9	97.0
≥ 30	87.1	91.2	92.8	94.1	95.3	95.6	96.0	96.7	96.8	97.2	97.4	97.5	97.6	97.6	97.7	97.8
≥ 20	87.2	91.3	92.9	94.2	95.5	95.8	96.3	97.1	97.2	97.8	98.0	98.1	98.2	98.2	98.3	98.4
≥ 10	87.2	91.3	92.9	94.3	95.7	96.0	96.6	97.4	97.6	98.2	98.5	98.6	98.9	98.9	99.1	99.1
≥ 0	87.2	91.3	93.0	94.3	95.8	96.0	96.7	97.6	97.7	98.4	98.8	98.9	99.3	99.3	99.6	99.8
≥ 0	87.2	91.3	93.0	94.3	95.8	96.0	96.7	97.6	97.7	98.4	98.8	98.9	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7442

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

724695

BUCKLEY ANGB CO

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0000

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. REPORTS	16.5	67.6	67.7	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
20000	75.2	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
18000	75.2	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
16000	75.2	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
14000	76.2	77.3	77.4	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
12000	76.3	79.1	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
10000	79.4	80.5	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
9000	79.6	80.7	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
8000	80.3	81.4	81.4	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
7000	80.4	81.7	82.0	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
6000	81.1	82.4	82.7	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
5000	82.6	84.5	85.0	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
4500	83.0	84.9	85.3	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
4000	83.6	85.7	86.2	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
3500	83.6	85.7	86.2	86.3	86.3	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
3000	83.9	86.1	86.5	86.6	86.6	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
2500	83.9	86.2	86.8	87.1	87.2	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
2000	84.3	87.2	87.9	88.3	88.4	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1800	84.3	87.2	87.9	88.3	88.4	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1600	84.5	87.9	88.9	89.4	89.5	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1400	84.6	88.3	89.4	89.8	90.1	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1200	84.6	88.3	89.4	90.0	90.2	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
1000	84.8	88.8	90.3	90.9	91.1	91.4	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
900	85.0	89.0	90.7	91.4	91.7	92.0	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
800	85.0	89.0	90.7	91.4	91.7	92.0	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
700	85.0	89.0	90.7	91.4	91.7	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
600	85.1	89.1	90.8	91.5	91.8	92.1	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
500	85.2	89.4	91.4	92.3	92.9	93.3	93.9	94.9	94.9	94.9	95.0	95.2	95.3	95.3	95.3	95.3
400	85.2	89.4	91.6	92.6	93.1	93.5	94.2	95.3	95.3	95.3	95.4	95.5	95.6	95.6	95.6	95.6
300	85.2	89.4	91.7	92.7	93.3	93.6	94.4	95.7	95.9	95.9	96.5	96.6	96.9	96.9	97.2	97.2
200	85.2	89.4	91.7	92.7	93.3	93.6	94.4	95.9	96.0	96.0	96.7	96.9	97.8	97.8	98.2	98.3
100	85.2	89.4	91.7	92.7	93.3	93.6	94.6	96.0	96.1	96.1	96.8	97.0	97.9	97.9	98.3	98.3
0	85.2	89.4	91.7	92.7	93.3	93.6	94.6	96.0	96.1	96.1	96.8	97.0	97.9	97.9	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 646

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANG CO

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-5500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
≥ 20000	67.8	68.5	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
2 18000	75.1	75.8	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2 16000	75.3	76.3	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
2 14000	76.2	77.3	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
2 12000	79.1	79.7	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
2 10000	80.0	80.7	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
2 8000	80.1	80.9	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
2 6000	81.2	81.9	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
2 4000	81.8	82.5	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
2 2000	81.9	83.1	83.7	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
2 1000	82.5	83.8	84.4	84.4	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
2 500	82.6	83.9	84.5	84.5	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
2 400	82.7	84.4	85.1	85.1	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
2 300	83.3	84.9	85.5	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2 200	83.5	85.3	86.1	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2 1500	83.7	85.8	86.9	87.0	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
2 1000	84.0	86.3	87.2	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
2 800	84.3	86.3	87.2	87.5	87.6	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
2 600	84.4	87.3	88.1	88.4	88.5	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
2 400	84.5	87.1	88.3	88.9	89.0	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
2 200	84.6	87.4	88.7	89.5	89.6	89.6	90.3	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2 1000	84.9	87.6	89.1	90.0	90.1	90.1	90.4	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
2 800	84.9	88.1	89.8	90.7	90.8	90.8	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
2 600	84.9	88.1	90.3	90.8	90.9	90.9	91.4	91.7	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2
2 400	85.1	88.3	90.4	91.4	91.8	91.8	92.3	93.0	93.0	93.5	93.5	93.6	93.6	93.6	93.6	93.6
2 200	85.1	88.3	90.4	91.4	92.2	92.2	92.7	93.5	93.5	94.1	94.1	94.2	94.3	94.3	94.3	94.3
2 1000	85.1	88.3	90.7	91.6	92.4	92.4	93.1	94.2	94.2	95.0	95.0	95.4	95.6	95.6	95.9	96.0
2 800	85.1	88.3	90.8	91.7	92.7	92.8	93.5	94.6	94.6	95.4	95.4	96.2	96.5	97.0	97.0	97.5
2 600	85.1	88.3	90.8	91.7	92.7	92.8	93.6	94.7	94.7	95.5	95.5	96.3	96.6	97.2	97.2	97.9
2 400	85.1	88.3	90.8	91.7	92.7	92.8	93.6	94.7	94.7	95.5	95.5	96.3	96.6	97.2	97.2	98.0

TOTAL NUMBER OF OBSERVATIONS 556

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIPAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74595 BUCKLEY ANGB CO

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2600

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO. REPORTS	61.7	62.1	62.4	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0
≥ 20000	73.4	73.5	74.0	74.1	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.7
≥ 18000	73.4	73.5	74.0	74.1	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.7
≥ 16000	73.5	73.5	74.1	74.2	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.5	74.8
≥ 14000	74.9	75.1	75.5	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2	76.2
≥ 12000	77.9	78.3	78.7	78.8	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.4	79.4
≥ 10000	79.7	80.0	80.5	80.6	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.2	81.2
≥ 9000	79.8	80.1	80.6	80.7	80.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.3	81.3
≥ 8000	80.0	80.4	80.9	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.6	81.6
≥ 7000	80.5	80.9	81.3	81.4	81.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	82.0	82.0
≥ 6000	81.6	81.9	82.6	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.6	83.6
≥ 5000	81.8	82.3	83.1	83.3	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.3	84.3
≥ 4500	81.9	82.4	83.2	83.5	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.4	84.4
≥ 4000	82.4	82.9	83.7	84.0	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	85.0	85.0
≥ 3500	82.9	83.3	84.2	84.5	85.0	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.8	85.8
≥ 3000	83.3	83.8	84.6	85.0	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.3	86.3
≥ 2500	83.5	84.0	84.9	85.3	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.6	86.6
≥ 2000	83.5	84.0	84.9	85.3	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.6	86.6
≥ 1500	83.7	84.4	85.5	86.3	87.0	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7	87.8
≥ 1000	83.7	84.4	85.5	86.5	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.3	88.3
≥ 900	83.8	84.8	86.1	87.0	87.8	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.8	89.0	89.0
≥ 800	83.8	84.8	86.2	87.1	87.9	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.1	89.2
≥ 700	84.2	85.3	86.6	87.7	88.5	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.8	89.8
≥ 600	84.2	85.5	87.0	88.1	88.9	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.1	90.2	90.4
≥ 500	84.2	85.7	87.5	88.8	90.0	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.4	91.6	91.6
≥ 400	84.5	86.3	88.3	89.6	90.8	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.3	92.6	93.3
≥ 300	84.5	86.5	88.7	90.0	91.6	91.8	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.7	94.0	94.9
≥ 200	84.5	86.6	88.8	90.1	91.7	92.0	92.8	93.4	93.6	93.6	93.6	93.6	93.6	94.7	95.3	96.9
≥ 100	84.5	86.6	88.8	90.1	91.7	92.0	92.8	93.4	93.6	93.6	93.6	93.6	93.6	94.7	95.4	96.8
≥ 50	84.5	86.6	88.8	90.1	91.7	92.0	92.9	93.5	93.7	93.7	93.7	93.7	93.7	94.8	95.5	96.1
≥ 25	84.5	86.6	88.8	90.1	91.7	92.0	92.9	93.5	93.7	93.7	93.7	93.7	93.7	94.8	95.5	96.1
≥ 10	84.5	86.6	88.8	90.1	91.7	92.0	92.9	93.5	93.7	93.7	93.7	93.7	93.7	94.8	95.5	96.1

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
UNAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

74-63

553

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

922-1120

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000	57.4	59.2	59.8	60.0	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.8	60.8	60.8
9000	72.5	74.5	75.1	75.5	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.4	76.4	76.4
8000	72.8	74.8	75.4	75.9	76.2	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7
7000	73.4	75.4	76.0	76.5	76.8	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3
6000	75.8	77.8	78.5	79.0	79.3	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8
5000	77.5	79.6	80.5	80.7	81.3	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8
4000	79.9	82.3	83.0	83.5	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6
3000	80.3	82.6	83.3	83.8	84.5	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0
2000	80.9	83.2	83.9	84.4	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7
1000	81.1	83.3	84.0	84.5	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8
800	81.8	84.3	85.0	85.5	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.8	86.8	86.8
600	82.5	85.0	85.7	86.2	87.0	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.5
4500	82.9	85.3	86.1	86.5	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8
4000	83.5	85.9	86.6	87.2	88.2	88.3	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.8	88.8	88.8
3500	83.6	86.1	86.8	87.4	88.5	88.7	88.9	88.9	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2
3000	83.9	86.5	87.4	87.9	89.2	89.6	89.8	89.8	89.8	90.0	90.1	90.1	90.1	90.2	90.2	90.2
2500	84.2	86.8	87.8	88.4	89.7	90.2	90.4	90.4	90.4	90.5	90.7	90.7	90.7	90.8	90.8	90.8
2000	84.2	86.8	87.8	88.4	89.7	90.2	90.4	90.4	90.4	90.5	90.7	90.7	90.7	90.8	90.8	90.8
1500	84.4	87.0	88.1	88.7	90.0	90.4	90.7	90.7	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.0
1200	84.4	87.0	88.1	88.7	90.0	90.4	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1
1000	84.4	87.0	88.2	88.8	90.1	90.9	91.1	91.4	91.5	91.6	91.8	91.8	91.8	92.0	92.0	92.0
900	84.4	87.4	88.5	89.1	90.4	91.3	91.6	91.8	92.0	92.2	92.4	92.4	92.4	92.6	92.6	92.6
800	84.4	87.7	89.1	89.7	91.0	92.0	92.3	92.6	92.7	92.9	93.1	93.3	93.3	93.4	93.4	93.4
700	84.4	87.8	89.2	90.0	91.3	92.2	92.6	92.9	93.0	93.4	93.6	93.7	93.7	93.9	93.9	93.9
600	84.4	88.2	89.8	90.7	92.1	93.0	93.4	93.7	93.9	94.2	94.4	94.6	94.6	94.7	94.7	94.7
500	84.4	88.2	89.8	90.7	92.1	93.0	93.6	94.2	94.3	94.8	95.2	95.3	95.4	95.5	95.5	95.5
400	84.4	88.5	90.3	91.3	93.0	94.0	94.8	95.7	96.0	96.8	97.2	97.3	97.6	97.9	98.0	98.0
300	84.4	88.5	90.3	91.3	93.0	94.0	94.8	96.0	96.2	97.5	98.2	98.3	98.7	98.9	99.1	99.1
200	84.4	88.5	90.3	91.3	93.0	94.0	94.8	96.0	96.2	97.5	98.2	98.6	99.3	99.6	99.8	99.8
100	84.4	88.5	90.3	91.3	93.0	94.0	94.8	96.0	96.2	97.5	98.2	98.6	99.3	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 546

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANG CO

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.01
NO CEILING	57.7	59.3	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥20000	74.8	76.8	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥18000	75.3	77.3	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥16000	75.5	77.5	77.9	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥14000	77.7	79.7	80.0	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥12000	79.8	81.8	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥10000	81.7	83.7	84.0	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥9000	81.7	83.7	84.0	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥8000	82.0	84.3	84.6	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥7000	82.4	84.9	85.2	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥6000	83.6	86.1	86.4	86.6	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥5000	84.9	87.5	87.9	88.2	88.3	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥4500	85.0	87.6	88.1	88.3	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥4000	85.1	88.2	88.7	89.1	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8
≥3500	85.3	88.2	88.7	89.1	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8
≥3000	85.8	88.8	89.2	89.7	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4
≥2500	86.1	89.1	89.7	90.2	90.4	90.4	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥2000	86.3	89.4	90.0	90.5	90.9	90.9	91.4	91.5	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.8
≥1800	86.3	89.5	90.1	90.7	91.0	91.0	91.6	91.7	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.1
≥1600	86.3	89.6	90.2	91.0	91.4	91.4	92.1	92.6	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9
≥1400	86.3	90.2	90.8	91.6	92.0	92.0	92.8	93.3	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6
≥1200	86.3	90.2	90.8	91.7	92.3	92.3	93.1	93.7	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1
≥1000	86.6	90.5	91.1	92.1	92.7	92.7	93.7	94.3	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7
≥900	86.6	90.5	91.1	92.1	92.8	93.3	94.2	94.9	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3
≥800	86.6	90.5	91.1	92.1	92.8	93.3	94.2	94.9	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3
≥700	86.6	90.7	91.3	92.2	92.9	93.4	94.3	95.0	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.4
≥600	86.6	90.8	91.8	92.8	93.6	94.1	95.0	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3
≥500	86.6	90.8	91.8	92.9	94.0	94.6	95.7	96.7	96.7	96.7	97.2	97.3	97.4	97.4	97.4	97.4
≥400	86.6	90.8	92.1	93.1	94.2	94.9	96.2	97.4	97.4	97.4	98.1	98.8	99.2	99.5	99.5	99.5
≥300	86.6	90.8	92.1	93.1	94.2	94.9	96.2	97.4	97.4	97.4	98.1	98.8	99.3	99.6	99.6	99.6
≥200	86.6	90.8	92.1	93.1	94.2	94.9	96.2	97.4	97.4	97.4	98.1	98.8	99.3	99.6	99.6	99.6
≥100	86.6	90.8	92.1	93.1	94.2	94.9	96.2	97.4	97.4	97.4	98.1	98.8	99.3	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	55.1	56.9	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.5	57.6
≥ 20000	70.8	72.3	72.3	72.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	70.8	72.3	72.3	72.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	70.8	72.3	72.3	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	73.5	74.7	75.1	75.4	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	78.5	79.7	80.1	80.9	81.0	81.2	81.2	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 10000	81.3	82.2	82.6	83.5	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	81.3	82.3	82.7	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	81.4	82.7	83.2	84.0	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	81.8	83.1	83.6	84.4	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	84.9	86.2	86.9	87.8	87.9	87.9	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	86.8	88.1	88.9	89.7	89.8	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	86.9	88.2	88.9	89.8	90.0	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	87.4	88.8	89.5	90.4	90.5	90.5	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	87.6	89.3	89.7	90.7	90.8	90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	87.6	89.3	89.8	90.8	91.0	91.0	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	88.1	89.7	90.5	91.5	91.7	91.7	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	88.3	90.0	90.8	91.8	92.1	92.1	92.2	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	88.4	90.0	90.8	91.8	92.1	92.1	92.2	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	88.5	90.2	91.0	92.1	92.3	92.3	92.8	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	88.8	90.7	91.5	92.8	93.0	93.0	93.5	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	88.8	90.7	91.8	93.1	93.4	93.4	93.9	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	89.0	90.9	92.1	93.4	93.7	93.7	94.2	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	89.1	91.0	92.2	93.5	93.9	93.9	94.6	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	89.1	91.0	92.2	93.5	93.9	93.9	94.7	95.2	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1
≥ 600	89.1	91.0	92.4	93.9	94.7	94.7	95.5	96.0	96.5	96.8	96.8	96.9	97.2	97.2	97.2	97.2
≥ 500	89.2	91.1	92.6	94.1	94.9	94.9	95.7	96.2	96.7	97.0	97.0	97.2	97.4	97.4	97.4	97.4
≥ 400	89.2	91.1	92.7	94.3	95.2	95.2	96.1	96.6	97.0	97.4	97.4	97.5	98.1	98.2	98.2	98.2
≥ 300	89.2	91.1	92.7	94.3	95.2	95.2	96.3	96.8	97.3	97.8	98.0	98.1	99.2	99.3	99.4	99.5
≥ 200	89.2	91.1	92.7	94.3	95.2	95.2	96.3	96.8	97.3	97.9	98.1	98.2	99.5	99.6	99.9	100.0
≥ 100	89.2	91.1	92.7	94.3	95.2	95.2	96.3	96.8	97.3	97.9	98.1	98.2	99.5	99.6	99.9	100.0
≥ 0	89.2	91.1	92.7	94.3	95.2	95.2	96.3	96.8	97.3	97.9	98.1	98.2	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANG3 CO
STATION NAME

74-83
YEARS

FE9
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-2-2370
COUNT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
10000	69.1	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
9000	78.3	79.3	79.5	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
8000	75.3	79.3	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
7000	75.3	79.3	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
6000	79.3	80.6	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
5000	80.7	82.0	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
4000	81.4	82.7	83.1	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
3000	81.9	83.3	83.7	83.8	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
2000	82.0	84.4	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1500	83.7	85.1	85.5	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
1000	84.8	86.3	86.6	86.8	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
800	85.8	87.4	87.7	87.8	87.9	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
600	85.8	87.4	87.7	87.8	87.9	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
400	87.0	88.7	89.1	89.2	89.4	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
200	87.1	88.8	89.2	89.4	89.5	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
100	87.1	88.9	89.4	89.5	89.7	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
80	87.1	89.4	89.8	90.1	90.3	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
60	87.6	90.0	90.5	90.8	91.0	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
40	87.6	90.2	90.8	91.1	91.4	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
20	87.7	90.4	91.0	91.4	91.6	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
10	87.7	90.4	91.0	91.4	91.6	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
8	87.7	90.7	91.3	91.7	92.0	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
6	87.8	91.3	91.6	92.2	92.4	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4	87.8	91.1	91.7	92.3	92.6	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
2	87.8	91.1	91.8	92.4	92.7	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1	87.8	91.1	91.8	92.4	92.7	92.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
0	87.9	91.4	92.3	93.0	93.6	94.0	95.2	95.7	95.7	95.7	96.0	96.1	96.2	96.2	96.3	96.3
0.5	88.2	91.6	92.7	93.4	94.0	94.4	95.9	96.5	96.7	96.9	97.0	97.0	97.2	97.3	97.4	97.5
0.25	88.2	91.6	92.7	93.4	94.0	94.4	95.9	96.5	96.7	97.0	97.2	97.3	97.3	97.9	98.0	98.5
0.1	88.2	91.6	92.7	93.4	94.0	94.4	95.9	96.5	96.7	97.2	97.3	97.4	98.0	98.1	98.6	99.1
0.05	88.2	91.6	92.7	93.4	94.0	94.4	95.9	96.5	96.7	97.2	97.3	97.4	98.0	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 686

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANG B CO
STATION NAME

74-83
YEAR

FE9
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	62.5	63.5	63.9	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥20000	74.1	75.4	75.8	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥18000	74.2	75.5	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥16000	74.4	75.7	76.1	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6
≥14000	76.1	77.3	77.7	77.9	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥12000	76.7	80.0	80.5	80.7	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥10000	80.5	81.8	82.3	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥9000	80.7	82.1	82.6	82.8	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥8000	81.4	82.8	83.3	83.5	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥7000	81.5	83.2	83.7	84.0	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥6000	83.2	84.7	85.3	85.6	85.8	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥5000	84.2	85.5	86.5	86.8	87.0	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥4000	84.4	86.0	86.7	87.0	87.1	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥3000	84.9	86.7	87.4	87.8	88.0	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥2000	85.1	86.9	87.6	87.9	88.3	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥1000	85.3	87.2	87.9	88.2	88.6	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥800	85.5	87.6	88.4	88.8	89.2	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥700	85.8	88.0	88.9	89.3	89.8	89.8	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥600	85.8	88.0	88.9	89.4	89.8	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5
≥500	86.0	88.4	89.3	89.9	90.4	90.5	90.9	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥400	86.1	88.6	89.6	90.3	90.8	90.9	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥300	86.1	88.7	89.8	90.5	91.1	91.2	91.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥200	86.2	89.0	90.1	90.9	91.5	91.7	92.1	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥100	86.3	89.3	90.5	91.3	91.9	92.2	92.7	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥80	86.3	89.3	90.6	91.4	92.0	92.3	92.9	93.2	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6
≥60	86.4	89.4	90.9	91.8	92.6	92.8	93.4	93.8	93.9	94.1	94.2	94.3	94.3	94.4	94.4	94.4
≥40	86.5	89.6	91.1	92.1	93.0	93.3	94.1	94.7	94.7	95.0	95.2	95.3	95.4	95.4	95.4	95.5
≥20	86.5	89.7	91.4	92.4	93.5	93.9	94.8	95.5	95.6	96.0	96.2	96.4	96.6	96.7	96.7	96.7
≥10	86.5	89.7	91.5	92.5	93.6	94.0	95.0	95.8	96.0	96.7	97.1	97.3	97.7	97.8	97.9	98.0
≥5	86.5	89.7	91.5	92.5	93.6	94.0	95.1	95.9	96.1	96.8	97.3	97.6	98.0	98.4	98.5	99.0
≥1	86.5	89.7	91.5	92.5	93.6	94.0	95.1	96.0	96.2	96.9	97.4	97.7	98.4	98.5	99.0	99.5
≥0	86.5	89.7	91.5	92.5	93.6	94.0	95.1	96.0	96.2	96.9	97.4	97.7	98.4	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 BUCKLEY ANG CO

74-63

4A2

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	60.2	60.8	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥20000	67.3	67.8	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥18000	67.3	67.8	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥16000	67.4	68.0	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥14000	68.7	69.2	69.5	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥12000	71.4	71.9	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥10000	73.7	74.3	74.6	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥8000	73.8	74.4	74.7	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥6000	74.7	75.5	75.8	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥4000	75.4	76.2	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥2000	77.2	78.3	78.6	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥1000	77.7	78.9	79.4	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥500	77.7	78.9	79.4	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥250	78.7	80.1	80.5	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥125	79.5	81.3	81.4	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥62.5	79.6	81.4	81.5	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥31.2	80.4	82.5	83.1	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥15.6	81.2	83.8	84.4	84.9	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥7.8	81.5	84.2	84.8	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥3.9	81.8	84.9	85.9	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥1.9	82.2	85.5	86.6	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥0.9	82.4	85.9	87.1	88.0	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥0.45	82.8	86.6	87.7	88.6	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥0.225	82.8	86.7	88.1	88.9	89.8	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥0.1125	82.8	86.7	88.1	88.9	89.8	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥0.05625	82.8	87.1	88.4	89.5	90.4	90.6	91.1	92.0	92.2	92.4	92.7	92.8	92.8	92.8	92.8	92.8
≥0.028125	82.9	87.1	88.7	89.8	91.2	91.4	91.8	92.9	93.0	93.5	94.0	94.1	94.1	94.1	94.1	94.1
≥0.0140625	82.9	87.4	89.1	90.4	92.0	92.3	93.0	94.2	94.3	95.4	96.0	96.1	96.1	96.1	96.1	96.1
≥0.00703125	82.9	87.4	89.1	90.4	92.3	92.5	93.3	94.6	94.8	96.2	97.2	97.5	98.4	98.4	99.2	99.4
≥0.003515625	82.9	87.4	89.1	90.4	92.3	92.5	93.3	94.6	94.8	96.2	97.2	97.5	98.4	98.4	99.2	99.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO

74-83

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	94.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	71.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	71.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	71.7	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	74.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	77.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	77.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	78.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	79.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	79.9	81.1	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	79.9	81.1	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	80.4	81.7	81.9	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	80.4	81.7	81.9	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	81.1	82.9	83.2	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	82.3	84.3	84.6	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	83.3	85.6	86.0	86.3	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	83.5	85.8	86.2	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	84.3	86.7	87.1	87.4	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	84.6	87.3	87.7	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	84.6	87.3	88.0	88.4	88.7	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	84.9	87.5	88.2	88.6	88.9	89.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	85.1	87.8	88.5	89.0	89.6	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	85.1	87.8	88.5	89.0	89.6	89.7	89.8	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3
≥ 600	85.1	88.0	88.6	89.1	89.7	89.9	90.1	90.5	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9
≥ 500	85.2	88.4	89.1	89.8	90.5	90.8	91.1	91.8	92.2	92.2	92.2	92.5	92.5	92.5	92.6	92.6
≥ 400	85.2	88.4	89.1	89.8	91.1	91.6	91.9	92.7	93.3	93.4	93.4	93.9	94.1	94.2	94.3	94.3
≥ 300	85.3	88.7	89.5	90.1	92.2	92.9	93.3	94.6	95.3	96.0	96.9	97.1	97.3	97.4	98.1	98.1
≥ 200	85.3	88.7	89.5	90.1	92.6	93.3	94.0	95.3	95.9	96.8	97.7	98.0	98.4	98.5	99.1	99.1
≥ 100	85.3	88.7	89.5	90.1	92.6	93.3	94.0	95.3	95.9	96.8	97.7	98.0	98.4	98.5	99.5	99.5
≥ 0	85.3	88.7	89.5	90.1	92.6	93.3	94.0	95.3	95.9	96.8	97.7	98.0	98.4	98.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695

BUCKLEY ANG CO

74-83

4A2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	59.1	59.8	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6
≥ 20000	68.8	69.6	70.0	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.6
≥ 18000	68.9	69.7	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6
≥ 16000	69.2	70.3	70.4	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.5
≥ 14000	70.2	71.3	71.5	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.0
≥ 12000	73.5	74.3	74.8	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
≥ 10000	75.6	76.5	77.1	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5
≥ 9000	75.7	76.6	77.1	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6
≥ 8000	76.7	77.5	78.2	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7
≥ 7000	77.1	78.2	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.1
≥ 6000	77.2	78.1	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.4
≥ 5000	73.7	78.3	79.8	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.2
≥ 4500	78.1	78.9	79.7	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.4
≥ 4000	75.7	79.7	80.4	80.4	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.3
≥ 3500	78.9	79.9	80.6	80.6	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.5
≥ 3000	79.4	80.5	81.3	81.3	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.3
≥ 2500	80.5	82.3	82.9	82.9	83.3	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.3
≥ 2000	81.2	82.9	83.8	83.9	84.6	84.7	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.6
≥ 1800	81.3	83.0	83.9	84.0	84.7	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.7
≥ 1500	81.4	83.4	84.3	84.5	85.3	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.3
≥ 1200	81.7	83.8	84.7	85.5	86.2	86.3	86.6	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.5
≥ 1000	82.3	84.4	85.5	86.2	87.1	87.2	87.5	87.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.6
≥ 900	82.5	84.8	85.9	86.7	87.5	87.6	88.0	88.2	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.4
≥ 800	82.5	84.9	86.0	86.9	87.7	87.8	88.3	88.5	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.8
≥ 700	82.5	84.9	86.0	86.9	87.7	87.8	88.3	88.7	89.1	89.4	89.6	89.6	89.6	89.6	89.6	90.0
≥ 600	82.5	84.9	86.0	87.0	87.8	88.0	88.6	89.1	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.9
≥ 500	82.8	85.4	86.5	87.5	88.5	88.6	89.2	90.1	90.5	90.9	91.3	91.3	91.3	91.3	91.3	92.2
≥ 400	82.8	85.4	86.6	87.8	88.9	89.4	90.2	91.4	92.4	92.8	93.4	93.8	94.3	94.3	94.3	94.7
≥ 300	82.8	85.5	86.8	88.1	89.1	89.7	90.9	92.2	93.2	94.3	95.2	95.6	97.4	97.4	97.6	98.0
≥ 200	82.8	85.5	86.8	88.1	89.1	89.7	91.0	92.4	93.4	94.6	95.7	96.2	98.3	98.3	98.5	98.8
≥ 100	82.8	85.5	86.8	88.1	89.1	89.7	91.0	92.4	93.4	94.6	95.7	96.2	98.4	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .00
NO CEILING	50.3	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	69.6	70.3	70.5	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	70.0	70.8	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 16000	70.2	71.0	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	71.4	72.2	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	74.0	74.7	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	77.1	77.8	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	77.2	78.0	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	77.3	78.5	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	78.1	79.0	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	79.0	80.0	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	79.8	80.8	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	79.8	80.8	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	80.9	81.9	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	81.3	82.4	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	82.3	83.4	84.3	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
≥ 2500	82.5	83.8	84.8	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
≥ 2000	82.7	84.1	85.3	85.7	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
≥ 1800	82.7	84.2	85.4	85.8	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 1600	83.3	84.9	86.1	86.6	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
≥ 1400	83.9	85.7	87.0	87.6	88.1	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥ 1200	83.9	85.8	87.1	88.0	88.6	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
≥ 1000	83.9	85.9	87.2	88.1	88.7	88.8	89.4	89.7	89.7	89.7	89.8	89.9	89.9	90.0	90.0	90.0
≥ 900	84.2	86.3	87.7	88.8	89.5	89.6	90.4	90.6	90.6	90.6	91.0	91.2	91.2	91.3	91.3	91.3
≥ 800	84.2	86.3	87.7	88.8	89.5	89.6	90.5	90.9	90.9	90.9	91.1	91.3	91.3	91.6	91.6	91.6
≥ 700	84.3	86.6	88.1	89.1	90.1	90.2	91.4	91.8	91.8	91.8	92.4	92.6	92.6	92.9	92.9	92.9
≥ 600	84.4	86.7	88.2	89.2	90.2	90.5	91.7	92.3	92.3	92.3	93.0	93.2	93.3	93.8	93.8	93.8
≥ 500	84.4	86.7	88.2	89.4	90.3	90.9	92.3	92.3	92.3	92.3	93.0	93.3	93.3	94.1	94.5	95.1
≥ 400	84.4	86.7	88.2	89.4	90.3	90.9	92.3	92.3	92.3	92.3	93.0	93.3	93.3	94.1	94.5	95.1
≥ 300	84.4	86.7	88.2	89.4	90.3	90.9	92.3	92.3	92.3	92.3	93.0	93.3	93.3	94.1	94.5	95.1
≥ 200	84.4	86.7	88.2	89.4	90.3	90.9	92.3	92.3	92.3	92.3	93.0	93.3	93.3	94.1	94.5	95.1
≥ 100	84.4	86.7	88.2	89.4	90.3	90.9	92.3	92.3	92.3	92.3	93.0	93.3	93.3	94.1	94.5	95.1
≥ 50	84.4	86.7	88.2	89.4	90.3	90.9	92.3	92.3	92.3	92.3	93.0	93.3	93.3	94.1	94.5	95.1
≥ 0	84.4	86.7	88.2	89.4	90.3	90.9	92.3	92.3	92.3	92.3	93.0	93.3	93.3	94.1	94.5	95.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 SUCKLEY ANG CO

74-87

1A

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
1000	52.2	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
900	54.4	65.7	65.8	65.8	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
800	55.1	65.9	66.0	66.0	66.0	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
700	55.4	66.2	66.3	66.3	66.3	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
600	56.3	67.2	67.3	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
500	67.7	68.7	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
400	71.9	73.2	73.3	73.4	73.4	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
300	72.4	73.7	73.8	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
200	73.3	74.6	74.7	74.8	74.8	74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
100	73.5	74.8	74.9	75.1	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
50	76.9	78.3	78.5	78.8	78.9	78.9	79.4	79.4	79.4	79.4	79.4	79.5	79.7	79.7	79.7	79.7
0	78.6	80.3	80.2	80.5	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.3	81.5	81.5	81.5	81.5
1000	79.9	80.3	80.5	80.9	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.8	81.8	81.8
900	79.7	81.1	81.3	81.6	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.6	82.6	82.6
800	80.4	82.5	82.7	83.1	83.3	83.3	83.8	83.8	83.8	83.8	83.8	83.9	84.1	84.1	84.1	84.1
700	81.5	83.8	84.1	84.4	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.3	85.5	85.5	85.5	85.5
600	81.6	84.1	84.3	84.8	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.8	86.0	86.0	86.0	86.0
500	82.9	85.5	85.7	86.5	86.8	86.8	87.3	87.3	87.3	87.3	87.3	87.4	87.6	87.6	87.6	87.6
400	82.9	85.5	85.9	86.6	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.5	87.7	87.7	87.7	87.7
300	83.2	86.1	86.7	87.4	87.8	87.8	88.4	88.4	88.4	88.4	88.4	88.5	88.7	88.7	88.7	88.7
200	83.8	87.3	88.3	88.7	89.1	89.1	89.8	89.8	89.8	89.8	89.8	89.9	90.1	90.1	90.1	90.1
100	84.3	87.3	88.3	89.1	89.6	89.6	90.4	90.6	90.6	90.6	90.6	90.8	90.9	91.1	91.1	91.1
50	84.1	87.6	88.7	89.6	90.0	90.0	91.0	91.3	91.3	91.3	91.4	91.5	91.7	91.7	91.7	91.7
0	84.4	88.2	89.4	90.2	90.9	91.0	91.9	92.3	92.3	92.3	92.3	92.5	92.9	92.9	92.9	92.9
1000	84.7	88.5	89.7	90.6	91.3	91.4	92.6	93.1	93.1	93.1	93.3	93.4	93.9	93.9	94.0	94.0
900	84.7	88.6	89.9	91.0	91.6	91.7	92.9	93.7	93.7	93.8	94.0	94.1	94.5	94.5	94.6	94.6
800	84.7	88.6	90.1	91.3	92.0	92.2	93.7	94.5	94.5	94.7	94.9	95.2	95.6	95.6	95.8	95.8
700	84.7	88.6	90.1	91.3	92.4	92.5	94.2	95.5	95.5	95.5	96.0	96.6	97.3	97.3	97.2	97.2
600	84.7	88.6	90.1	91.3	92.4	92.5	94.2	95.5	95.5	95.5	96.0	96.6	97.3	97.3	97.2	97.2
500	84.7	88.6	90.1	91.3	92.4	92.5	94.2	95.5	95.5	95.5	96.0	96.6	97.3	97.3	97.2	97.2
400	84.7	88.6	90.1	91.3	92.4	92.5	94.2	95.5	95.5	95.5	96.0	96.6	97.3	97.3	97.2	97.2
300	84.7	88.6	90.1	91.3	92.4	92.5	94.2	95.5	95.5	95.5	96.0	96.6	97.3	97.3	97.2	97.2
200	84.7	88.6	90.1	91.3	92.4	92.5	94.2	95.5	95.5	95.5	96.0	96.6	97.3	97.3	97.2	97.2
100	84.7	88.6	90.1	91.3	92.4	92.5	94.2	95.5	95.5	95.5	96.0	96.6	97.3	97.3	97.2	97.2
0	84.7	88.6	90.1	91.3	92.4	92.5	94.2	95.5	95.5	95.5	96.0	96.6	97.3	97.3	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695
STATION

BUCKLEY ANGB CO

STATION NAME

74-63

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-2-1700

		VISIBILITY STATISTICAL															
CEILING FEET		≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥10000	48.3	48.6	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
9000	59.2	60.0	60.2	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
8000	59.8	60.5	60.8	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
7000	60.0	60.8	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
6000	61.7	62.5	62.7	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
5000	64.6	65.5	66.1	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
4000	69.7	71.6	71.3	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
3000	69.9	70.9	71.5	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
2000	70.6	71.6	72.3	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
1000	71.4	72.4	73.0	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
500	76.2	77.3	78.1	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
400	77.7	78.9	79.7	80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
300	77.8	79.1	79.9	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
200	79.1	80.4	81.4	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
100	79.5	81.8	81.7	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
50	80.4	82.3	83.5	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
20	81.2	83.4	84.8	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
10	81.9	84.5	86.1	86.9	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
5	82.3	84.8	86.5	87.2	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2	82.7	85.6	87.3	88.3	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
1	83.1	86.1	88.7	88.9	89.6	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
0.5	83.2	86.5	88.3	89.2	89.9	90.0	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
0.2	83.4	87.0	88.8	89.9	90.5	90.6	91.1	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
0.1	83.5	87.2	89.1	90.4	91.1	91.3	91.7	92.2	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
0.05	83.5	87.2	89.1	90.8	91.4	91.6	92.5	92.9	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
0.02	83.5	87.2	89.1	90.8	91.5	91.7	92.7	93.1	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
0.01	83.5	87.7	91.1	91.7	92.7	92.9	94.7	94.4	94.4	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3
0.005	83.7	88.0	90.4	92.0	93.0	93.2	94.4	95.1	95.1	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6
0.002	83.7	88.1	90.5	92.2	93.3	93.5	94.7	95.5	95.5	96.6	97.4	97.5	97.5	97.5	97.5	97.5	97.5
0.001	83.7	88.1	90.5	92.2	93.3	93.5	94.7	95.5	95.5	96.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
0.0005	83.7	88.1	90.5	92.2	93.3	93.5	94.7	95.5	95.5	96.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 SJOCKLEY ANG CO

74-83

4A3

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2
≥ 10000	54.1	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000	62.9	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	63.0	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4000	65.2	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3000	68.2	69.2	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 2000	71.3	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800	71.7	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1600	72.9	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1400	73.1	74.4	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1200	77.5	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1000	79.1	79.6	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 800	79.4	81.1	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 600	79.6	81.3	81.7	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 400	79.9	82.4	82.9	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 200	80.2	82.9	83.4	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 100	80.9	83.5	84.4	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 80	81.1	83.9	84.7	85.6	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 60	81.1	84.4	85.7	86.6	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 40	81.5	84.9	86.3	87.4	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 20	81.8	85.4	86.9	87.8	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 10	81.8	85.8	87.2	88.4	89.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8	81.8	86.2	87.8	89.0	89.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6	81.8	86.2	87.8	89.1	90.3	90.8	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4	82.0	86.5	88.2	89.5	90.6	91.1	91.7	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2	82.0	86.6	88.4	89.8	91.0	91.4	92.0	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1	82.0	86.7	88.9	90.4	91.6	92.0	92.8	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 0.5	82.0	86.7	88.9	90.5	91.7	92.2	92.9	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 0.2	82.0	86.7	89.0	90.6	91.8	92.3	93.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 0.1	82.0	86.7	89.0	90.6	91.8	92.3	93.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 BUCKLEY ANGB CO

74-83

440

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0.4
≥10000	57.3	58.6	58.7	59.1	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥9000	63.9	65.3	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥8000	64.0	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥7000	64.0	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥6000	64.1	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥5000	70.2	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥4000	70.3	71.7	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥3000	71.2	72.6	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥2000	71.7	73.3	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥1000	75.3	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥900	75.4	77.0	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥800	75.5	77.5	77.5	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥700	77.2	80.1	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥600	77.4	81.6	81.7	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥500	77.6	81.3	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥400	78.0	81.7	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥300	79.3	82.3	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥200	79.5	82.6	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥100	79.8	83.3	84.3	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥90	79.1	83.7	84.6	85.2	85.6	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥80	79.4	84.3	85.4	86.3	87.1	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥70	79.8	84.8	86.1	87.2	88.0	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥60	79.8	84.8	86.2	87.4	88.5	88.7	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥50	79.9	85.2	86.7	87.8	88.9	89.1	89.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥40	80.1	86.2	88.2	89.5	91.5	91.9	92.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥30	80.1	86.2	88.4	89.7	91.9	92.4	93.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥20	80.1	86.2	88.4	89.7	91.9	92.4	93.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥10	80.1	86.2	88.4	89.7	91.9	92.4	93.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

124595 DUCKLEY ANGB CO

74-83

443

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO. OF OBS.	56.3	57.5	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
20000	56.3	66.8	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
18000	56.2	67.0	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
16000	56.4	67.2	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
14000	67.7	68.5	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
12000	70.2	71.1	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
10000	73.3	74.3	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
9000	73.5	74.5	74.8	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
8000	74.4	75.4	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
7000	74.9	76.0	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
6000	77.4	78.6	78.9	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
5000	78.1	79.4	79.8	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
4500	78.2	79.5	79.9	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6
4000	79.3	80.8	81.3	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
3500	79.6	81.3	81.8	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5
3000	80.2	82.2	82.9	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8
2500	80.8	83.1	83.8	84.2	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
2000	81.5	84.2	84.8	85.3	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2
1800	81.7	84.2	85.1	85.6	86.0	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
1600	82.1	84.9	85.9	86.5	87.1	87.1	87.3	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6
1400	82.5	85.5	86.6	87.3	87.8	87.9	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5
1200	82.7	85.9	87.1	87.9	88.5	88.6	88.9	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4
1000	82.9	86.3	87.5	88.4	89.0	89.2	89.5	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.3
900	83.0	86.5	87.8	88.8	89.6	89.8	90.2	90.5	90.6	90.6	90.8	90.9	91.0	91.0	91.1	91.1
800	83.1	86.6	87.9	89.0	89.8	89.9	90.5	90.8	91.0	91.2	91.4	91.4	91.6	91.6	91.6	91.6
700	83.1	86.7	88.1	89.2	90.1	90.3	91.0	91.6	91.7	92.0	92.2	92.2	92.4	92.4	92.5	92.5
600	83.2	87.0	88.5	89.6	90.6	90.9	91.7	92.4	92.6	92.9	93.3	93.3	93.6	93.6	93.7	93.7
500	83.2	87.1	88.7	89.9	91.1	91.5	92.3	93.3	93.5	94.2	94.6	94.9	95.3	95.3	95.4	95.5
400	83.2	87.2	88.9	90.2	91.6	92.0	93.0	94.2	94.5	95.4	96.1	96.5	97.3	97.4	97.7	97.7
300	83.2	87.2	89.0	90.2	91.7	92.1	93.2	94.5	94.8	95.8	96.8	97.3	98.6	98.8	99.1	99.2
200	83.2	87.2	89.0	90.2	91.7	92.1	93.2	94.5	94.8	95.8	96.8	97.4	98.7	98.9	99.6	99.7
100	83.2	87.2	89.0	90.2	91.7	92.1	93.2	94.5	94.8	95.8	96.8	97.4	98.7	98.9	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 DUCKLEY ANGB CO

74-83

APP

STATION

STATION NAME

YEAR

MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
≥20000	68.4	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥18000	73.1	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥16000	73.2	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥14000	73.4	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥12000	74.6	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥10000	75.8	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥8000	78.0	78.4	78.4	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥6000	79.1	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥4000	80.3	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥3000	80.7	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥2000	82.3	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥1800	84.0	84.8	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥1600	84.3	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥1400	86.4	87.4	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥1200	87.3	88.1	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥1000	87.3	88.9	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥800	87.7	89.2	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥600	88.2	90.0	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥400	88.4	90.2	90.7	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥200	88.7	90.7	91.2	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥100	88.8	90.8	91.3	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥80	89.1	91.1	91.7	92.2	92.3	92.3	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥60	89.1	91.1	91.7	92.4	92.6	92.6	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥40	89.2	91.3	92.1	92.7	92.8	92.8	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥20	89.2	91.3	92.1	92.7	92.8	92.8	92.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥10	89.7	91.8	92.7	93.2	93.3	93.3	93.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥5	89.7	92.0	93.0	93.6	94.0	94.0	94.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥2	90.0	92.6	93.6	94.1	94.8	94.8	94.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1	90.0	92.6	93.7	94.3	95.0	95.0	95.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥0.5	90.0	92.6	93.7	94.3	95.0	95.0	95.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS 972

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANG CO

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

327-2522

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ .05
NO. CEILING	67.6	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	73.1	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	73.1	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	73.1	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	74.3	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	75.7	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	77.9	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	79.6	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	80.2	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	82.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	83.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	84.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	85.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	85.4	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	85.9	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	86.1	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	86.6	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	86.8	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	87.1	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1600	87.1	89.2	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1400	87.6	89.7	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	87.6	89.8	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	87.6	89.9	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	87.7	90.1	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800	87.7	90.2	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	88.2	91.0	91.6	91.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 600	88.2	91.0	92.0	92.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500	88.2	91.0	92.1	92.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 400	88.2	91.0	92.1	92.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 300	88.2	91.0	92.1	92.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 200	88.2	91.0	92.1	92.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 100	88.2	91.0	92.1	92.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8

TOTAL NUMBER OF OBSERVATIONS 922

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LIBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

124595 DUCKLEY ANGB CO
STATION NAME

74-83

APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-0800

		VISIBILITY - STATUTE MILES															
CEILING - FEET		≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
1	1000	64.4	64.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	65.1
2	800	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.9
3	600	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.9
4	400	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.1
5	200	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	74.0
6	100	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.8
7	50	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.2
8	30	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.4
9	15	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.0
10	10	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.8
11	5	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.7
12	3	81.8	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.8
13	2	82.2	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.2
14	1	82.9	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	84.0
15	0	83.1	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.1
16	0	83.4	84.1	84.1	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	85.0
17	0	83.8	84.4	84.4	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.3
18	0	84.3	85.2	85.2	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.2
19	0	84.7	85.6	85.6	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.6
20	0	84.9	85.9	85.9	86.3	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.1
21	0	85.2	86.3	86.4	86.9	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.8
22	0	85.4	86.6	86.7	87.1	87.3	87.3	87.4	87.7	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.3
23	0	85.6	86.7	86.8	87.3	87.7	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.7
24	0	85.9	87.1	87.3	88.0	88.3	88.3	88.4	88.7	88.8	88.8	88.8	88.8	89.1	89.1	89.1	89.4
25	0	85.9	87.2	87.4	88.1	88.6	88.6	88.7	89.0	89.1	89.2	89.6	89.7	89.8	89.9	89.9	90.1
26	0	85.9	87.3	87.6	88.3	89.8	88.8	88.9	89.3	89.4	89.6	90.0	90.1	90.2	90.3	90.3	90.6
27	0	85.9	87.4	87.9	88.7	89.2	89.3	89.7	90.1	90.4	91.0	91.8	92.0	92.2	92.3	92.3	92.7
28	0	85.9	87.4	88.3	89.1	89.7	89.8	90.6	91.4	91.9	92.9	94.0	94.2	94.6	94.7	94.7	95.0
29	0	86.1	87.7	88.6	89.6	90.1	90.2	91.0	92.1	92.7	93.9	95.3	95.7	96.2	96.3	96.3	96.8
30	0	86.1	87.7	88.6	89.6	90.1	90.2	91.0	92.4	93.0	94.3	96.0	96.6	97.3	97.4	97.7	98.4
31	0	86.1	87.7	88.6	89.6	90.2	90.3	91.1	92.6	93.1	94.4	96.1	96.7	97.6	97.7	98.4	99.8
32	0	86.1	87.7	88.6	89.6	90.2	90.3	91.1	92.6	93.1	94.4	96.1	96.7	97.6	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 BUCKLEY ANGB CO

74-83

APD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9900-1170

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	76.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	79.1	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	79.8	79.9	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	80.3	80.4	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	81.3	81.4	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	82.2	82.3	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	82.3	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	84.1	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	84.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	85.1	85.2	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	85.3	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	85.3	85.8	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	85.3	85.8	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1600	86.3	86.9	87.3	87.3	87.4	87.6	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1400	86.7	87.6	88.1	88.2	88.3	88.4	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	86.8	88.4	89.2	89.4	89.9	90.0	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	86.9	88.8	89.4	89.9	90.4	90.6	91.0	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	87.0	89.0	89.7	90.1	90.7	90.8	91.2	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	87.0	89.1	89.9	90.6	91.1	91.2	91.8	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	87.0	89.2	90.0	90.8	91.3	91.4	92.0	92.7	92.9	93.2	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	87.0	89.3	90.2	91.3	92.3	92.4	93.6	94.3	94.6	95.1	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	87.1	89.6	90.6	91.8	93.0	93.1	94.3	95.6	96.0	96.7	97.4	97.4	97.6	97.6	97.7	97.8
≥ 400	87.2	89.7	90.7	91.9	93.1	93.2	94.6	95.8	96.2	97.1	97.9	98.2	98.7	98.7	99.0	99.1
≥ 300	87.2	89.7	90.7	91.9	93.1	93.2	94.6	95.8	96.3	97.2	98.1	98.6	99.2	99.3	99.9	100.0
≥ 200	87.2	89.7	90.7	91.9	93.1	93.2	94.6	95.8	96.3	97.2	98.1	98.6	99.2	99.3	99.9	100.0
≥ 100	87.2	89.7	90.7	91.9	93.1	93.2	94.6	95.8	96.3	97.2	98.1	98.6	99.2	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 9900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEAR

APD
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING ≥ 20000	51.3	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	72.8	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	73.1	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	74.3	74.4	74.4	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	74.4	74.5	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	79.2	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	82.1	82.3	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	82.1	82.3	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	84.8	85.3	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	85.4	86.0	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	86.3	87.2	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	88.1	89.1	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	88.8	89.8	90.1	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	88.9	89.9	90.2	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	89.1	90.3	90.7	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	89.4	91.0	91.4	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	89.8	91.7	92.3	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	90.1	92.1	92.8	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	90.1	92.1	92.8	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	90.1	92.3	93.1	93.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	90.1	92.4	93.2	93.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	90.2	92.6	93.4	93.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	90.2	92.7	93.6	94.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	90.4	92.9	93.8	94.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 200	90.4	92.9	93.8	94.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100	90.4	92.9	93.8	94.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 0	90.4	92.9	93.8	94.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 WCAP/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 BUCKLEY ANGB CO

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	40.9	41.1	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	55.1	55.3	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000	55.3	55.6	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	55.6	55.8	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	57.0	57.2	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	61.3	61.9	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	65.2	65.8	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	65.7	66.2	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	67.4	68.0	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	67.9	68.4	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	76.5	77.7	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	81.7	82.6	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	82.0	82.9	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	85.3	86.2	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	85.8	86.7	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	86.2	87.3	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	87.6	88.9	90.2	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	87.9	89.2	90.7	90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	87.9	89.2	90.7	90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	88.7	90.6	92.1	92.2	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	88.8	90.9	92.7	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	88.9	91.4	93.2	93.4	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	89.0	91.8	93.7	93.9	94.2	94.2	94.7	94.8	94.8	94.8	94.8	94.9	95.0	95.0	95.0	95.0
≥ 800	89.0	91.9	93.8	94.0	94.3	94.3	94.8	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
≥ 700	89.1	92.1	94.1	94.2	94.8	94.8	95.2	95.4	95.4	95.6	95.8	95.9	95.9	95.9	95.9	95.9
≥ 600	89.1	92.1	94.1	94.4	95.0	95.0	95.9	96.1	96.1	96.3	96.7	96.8	96.8	96.8	96.8	96.8
≥ 500	89.4	92.4	94.6	94.9	95.6	95.6	96.4	96.7	96.7	96.9	97.2	97.3	97.3	97.3	97.3	97.3
≥ 400	89.4	92.4	94.6	95.1	96.2	96.4	97.3	97.8	97.8	98.2	98.9	99.0	99.0	99.0	99.0	99.0
≥ 300	89.4	92.4	94.6	95.1	96.2	96.4	97.4	97.9	97.9	98.3	99.0	99.1	99.1	99.2	99.3	99.4
≥ 200	89.4	92.4	94.6	95.1	96.2	96.4	97.4	97.9	97.9	98.6	99.4	99.6	99.6	99.7	99.9	100.0
≥ 100	89.4	92.4	94.6	95.1	96.2	96.4	97.4	97.9	97.9	98.6	99.4	99.6	99.6	99.7	99.9	100.0
≥ 0	89.4	92.4	94.6	95.1	96.2	96.4	97.4	97.9	97.9	98.6	99.4	99.6	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANG B CO

STATION NAME

74-83

YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1977-2000
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2
≥ 20000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4
≥ 18000	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4
≥ 16000	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 14000	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2
≥ 12000	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 10000	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
≥ 9000	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
≥ 8000	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 7000	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 6000	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6
≥ 5000	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 4500	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 4000	86.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 3500	86.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 3000	87.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.2	89.2
≥ 2500	87.7	89.7	90.1	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8
≥ 2000	88.0	90.2	90.7	91.0	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8
≥ 1800	88.1	90.3	90.9	91.1	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 1500	88.8	91.1	91.8	92.1	92.7	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4
≥ 1200	88.8	91.2	92.7	92.3	92.9	93.1	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1000	89.1	91.6	92.4	92.8	93.3	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 900	89.3	92.0	92.9	93.3	94.1	94.4	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 800	89.4	92.1	93.0	93.4	94.2	94.6	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 700	89.7	92.4	93.4	93.9	94.8	95.1	95.4	95.6	95.6	95.9	95.9	96.1	96.1	96.1	96.2	96.2
≥ 600	89.8	92.6	93.8	94.2	95.3	95.7	96.0	96.1	96.1	96.4	96.4	96.7	96.7	96.7	96.8	96.8
≥ 500	90.0	92.8	94.0	94.7	95.8	96.1	96.7	96.8	96.8	97.2	97.2	97.4	97.4	97.4	97.6	97.6
≥ 400	90.2	93.1	94.4	95.3	96.4	96.8	97.4	97.6	97.6	98.0	98.0	98.2	98.3	98.3	98.4	98.4
≥ 300	90.4	93.3	94.7	95.6	96.8	97.1	97.8	97.9	97.9	98.3	98.3	98.7	98.8	98.8	98.9	98.9
≥ 200	90.6	93.6	94.9	95.8	97.1	97.4	98.1	98.2	98.2	98.7	98.7	99.0	99.0	99.1	99.4	99.4
≥ 100	90.6	93.6	94.9	95.8	97.2	97.6	98.2	98.3	98.3	98.8	98.8	98.9	99.2	99.4	99.4	99.4
≥ 0	90.6	93.6	94.9	95.8	97.2	97.6	98.2	98.3	98.3	98.8	98.8	98.9	99.2	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

74-83

AP3

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

		VISIBILITY STATUTE MILES															
		20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	FEET	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4
900	FEET	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
800	FEET	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
700	FEET	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
600	FEET	72.9	72.8	72.9	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0
500	FEET	75.4	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
400	FEET	79.0	79.3	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
300	FEET	79.4	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
200	FEET	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6
100	FEET	80.3	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8
0	FEET	83.3	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9
1000	FEET	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4
900	FEET	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
800	FEET	87.3	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
700	FEET	87.7	88.6	88.9	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
600	FEET	88.1	89.1	89.6	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.1	90.1	90.1
500	FEET	88.1	89.3	89.9	90.0	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.8	90.8
400	FEET	88.4	89.8	90.3	90.6	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.3
300	FEET	88.6	89.9	90.4	90.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.4	91.4	91.4
200	FEET	88.7	90.4	91.2	91.4	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.2	92.2	92.2
100	FEET	89.1	90.9	91.7	91.9	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.9	92.9	92.9
0	FEET	89.0	91.0	91.9	92.1	92.6	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.6	93.6	93.6
1000	FEET	89.1	91.2	92.2	92.6	93.6	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.6	94.6	94.6
900	FEET	89.1	91.2	92.3	92.7	93.7	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.7	94.7	94.7
800	FEET	89.2	91.3	92.4	92.9	94.0	94.0	94.6	94.7	94.7	94.7	94.7	94.7	95.1	95.3	95.3	95.3
700	FEET	89.3	91.4	92.6	93.0	94.2	94.2	94.8	94.9	94.9	94.9	94.9	94.9	95.3	95.6	95.6	95.6
600	FEET	89.4	91.6	92.8	93.2	94.4	94.4	95.0	95.1	95.1	95.1	95.1	95.1	95.6	95.8	95.8	95.8
500	FEET	89.6	91.8	93.2	93.9	95.1	95.1	95.7	95.8	95.8	95.8	95.8	95.8	96.2	96.4	96.4	96.4
400	FEET	90.0	92.2	93.7	94.7	96.0	96.1	96.8	96.9	96.9	97.0	97.0	97.0	97.6	97.8	97.8	97.8
300	FEET	90.0	92.2	93.7	94.7	96.4	96.6	97.2	97.4	97.4	97.8	97.9	98.4	98.8	99.0	99.1	99.1
200	FEET	90.2	92.2	93.7	94.7	96.4	96.6	97.3	97.6	97.6	98.0	98.1	98.7	99.0	99.2	99.8	100.0
100	FEET	90.0	92.2	93.7	94.7	96.4	96.6	97.3	97.6	97.6	98.0	98.1	98.7	99.0	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
1000	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
800	59.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
600	59.4	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
400	59.5	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
200	59.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
100	72.5	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
50	75.4	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
25	75.8	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
15	77.0	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
10	77.4	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
5	81.0	81.4	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
2	83.1	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1	83.4	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
0.5	85.4	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.25	85.7	86.5	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
0.1	86.2	87.3	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
0.05	86.8	88.0	88.4	88.5	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.025	87.2	88.6	89.1	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
0.01	87.3	88.7	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
0.005	87.8	89.3	89.8	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
0.0025	88.0	89.7	90.3	90.6	91.0	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
0.001	88.2	90.1	90.8	91.2	91.6	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
0.0005	88.3	90.4	91.2	91.5	92.1	92.2	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
0.00025	88.4	90.6	91.4	91.7	92.3	92.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
0.0001	88.5	90.8	91.5	92.0	92.7	92.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
0.00005	88.5	90.8	91.7	92.2	92.9	93.0	93.4	93.9	93.9	94.1	94.2	94.4	94.5	94.5	94.5	94.5
0.000025	88.7	91.1	92.1	92.7	93.6	93.6	94.3	94.7	94.8	95.1	95.3	95.5	95.6	95.6	95.6	95.6
0.00001	88.8	91.3	92.5	93.2	94.2	94.3	95.0	95.6	95.8	96.2	96.6	96.8	96.9	96.9	96.9	96.9
0.000005	89.0	91.5	92.7	93.5	94.5	94.7	95.4	96.1	96.3	96.8	97.4	97.7	98.0	98.0	98.0	98.0
0.0000025	89.0	91.5	92.7	93.5	94.7	94.8	95.6	96.3	96.5	97.1	97.9	98.3	98.7	98.8	98.8	98.8
0.000001	89.0	91.5	92.7	93.5	94.7	94.8	95.6	96.4	96.6	97.2	98.0	98.5	98.9	99.0	99.0	99.0
0.0000005	89.0	91.5	92.7	93.5	94.7	94.8	95.6	96.4	96.6	97.2	98.0	98.5	98.9	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724895

BUCKLEY AFB CO

74-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2359

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING ≥ 20000	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	74.5	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	77.8	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	79.9	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	80.2	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	82.5	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	83.3	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	85.7	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	86.5	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1000	87.6	89.9	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800	87.6	89.9	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	88.4	90.6	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	88.7	91.1	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	89.2	91.7	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 400	90.1	92.8	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 300	90.2	92.9	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 200	90.6	93.3	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 100	90.8	93.7	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 50	91.4	94.5	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 20	91.5	94.7	95.8	96.3	96.7	96.8	97.0	97.1	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6
≥ 10	91.6	95.1	96.1	96.7	97.0	97.1	97.4	97.7	98.1	98.2	98.4	98.8	98.8	99.0	99.0	99.2
≥ 5	91.6	95.1	96.3	97.0	97.7	98.1	98.4	98.5	98.5	98.7	99.1	99.1	99.5	99.5	99.6	99.7
≥ 1	91.6	95.1	96.3	97.0	97.7	98.1	98.4	98.5	98.5	98.7	99.1	99.1	99.5	99.5	99.7	100.0

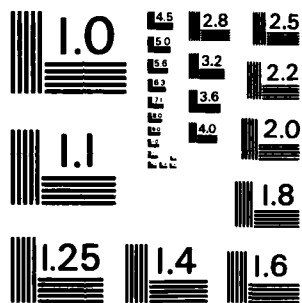
TOTAL NUMBER OF OBSERVATIONS 930

UNCLASSIFIED

BUCKLEY ANGB COLORADO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 19 SEP 83
USAFETAC/DS-83/040 SBI-AD-E850 423 F/G 4/2

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

4AY
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-3500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
≥ 20000	60.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 18000	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 16000	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 14000	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 12000	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 10000	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 9000	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 8000	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 7000	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 6000	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 5000	78.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 4500	78.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 4000	81.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 3500	81.9	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.5
≥ 3000	82.9	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.9
≥ 2500	83.8	85.6	85.6	85.6	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.3	86.3	86.5
≥ 2000	84.9	86.8	87.1	87.1	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7	87.7	87.8
≥ 1800	84.9	86.8	87.2	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.8	87.8	87.8	88.0
≥ 1500	85.5	87.4	87.8	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.6
≥ 1200	85.9	87.8	88.3	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9	88.9	89.0
≥ 1000	86.2	88.7	89.2	89.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.9	89.9	90.0
≥ 900	86.8	89.4	90.2	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.1
≥ 800	86.8	89.4	90.2	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.1
≥ 700	86.9	89.5	90.4	90.5	90.8	90.8	91.0	91.1	91.2	91.2	91.4	91.5	91.6	91.6	91.6	91.7
≥ 600	87.5	90.1	91.2	91.3	91.5	91.5	91.7	91.8	91.9	92.0	92.3	92.4	92.5	92.5	92.5	92.6
≥ 500	88.8	92.0	93.4	93.7	94.4	94.6	95.1	95.3	95.4	95.7	95.9	96.0	96.1	96.1	96.1	96.2
≥ 400	89.0	92.5	94.2	94.4	95.5	95.7	96.1	96.3	96.5	96.8	97.0	97.1	97.2	97.2	97.3	97.4
≥ 300	89.2	92.9	94.6	94.8	95.9	96.2	96.8	97.0	97.1	97.5	97.7	97.8	98.2	98.2	98.3	98.5
≥ 200	89.2	92.9	94.6	94.8	95.9	96.2	96.8	97.0	97.2	97.7	98.0	98.3	98.9	98.9	99.0	99.4
≥ 100	89.2	92.9	94.6	94.8	95.9	96.2	96.8	97.0	97.2	97.7	98.0	98.3	98.9	98.9	99.2	99.7
≥ 0	89.2	92.9	94.6	94.8	95.9	96.2	96.8	97.0	97.2	97.7	98.0	98.3	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695
STATION

BUCKLEY ANG8 CO
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	58.2	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9
≥ 20000	67.2	67.5	67.5	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2
IVM 18000	67.2	67.5	67.5	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2
IVM 16000	67.5	67.8	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.5
IVM 14000	68.8	69.1	69.2	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8
IVM 12000	71.1	71.4	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.2	72.2	72.2
IVM 10000	74.8	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.9	75.9	75.9
IVM 9000	74.8	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.9	75.9	75.9
IVM 8000	76.6	76.9	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.6	77.6	77.6
IVM 7000	76.6	76.9	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.6	77.6	77.6
IVM 6000	77.3	77.6	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.4	78.4	78.4
IVM 5000	79.1	79.5	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.2	80.2	80.2
≥ 4500	79.5	79.8	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.5	80.5	80.5
≥ 4000	80.0	80.3	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.4	81.4	81.4
IVM 3500	80.9	81.2	81.3	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.3	82.3	82.3
IVM 3000	81.5	81.8	82.0	82.6	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	83.1	83.1	83.1
IVM 2500	82.4	82.7	82.9	83.4	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.3	84.3	84.3
IVM 2000	83.3	83.7	84.0	84.5	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.9	85.9	85.9
IVM 1800	83.3	83.8	84.2	84.8	85.6	85.6	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.2	86.2	86.2
IVM 1500	84.1	84.8	85.3	85.9	86.7	86.7	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.3	87.3	87.3
IVM 1200	84.4	85.2	85.6	86.2	87.0	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.6	87.6	87.6
IVM 1000	84.8	86.1	87.0	87.7	88.6	88.6	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.4	89.4	89.4
IVM 900	85.7	87.3	88.2	88.9	89.8	89.8	89.9	90.1	90.1	90.3	90.4	90.4	90.4	90.6	90.6	90.6
IVM 800	85.7	87.4	88.3	89.1	90.0	90.1	90.2	90.4	90.4	90.6	90.8	90.8	91.0	91.0	91.0	91.0
IVM 700	86.0	87.7	88.6	89.5	90.3	90.4	90.5	90.8	90.8	91.0	91.2	91.2	91.4	91.4	91.4	91.4
IVM 600	86.5	88.4	89.5	90.5	91.6	91.7	91.8	92.0	92.0	92.3	92.5	92.5	92.7	92.7	92.7	92.7
IVM 500	86.9	89.2	90.3	91.7	93.4	93.8	94.3	94.6	94.6	94.8	95.1	95.1	95.3	95.3	95.3	95.3
IVM 400	87.2	89.7	90.9	92.5	94.5	94.8	95.4	95.9	95.9	96.2	96.7	96.7	96.9	96.9	96.9	96.9
IVM 300	87.2	89.9	91.2	92.8	94.9	95.4	95.9	96.6	96.6	97.0	97.4	97.4	98.0	98.1	98.1	98.1
IVM 200	87.2	89.9	91.2	92.8	94.9	95.5	96.0	96.8	97.0	97.5	98.0	98.1	98.8	98.9	99.2	99.4
IVM 100	87.2	89.9	91.2	92.8	94.9	95.5	96.0	96.8	97.0	97.5	98.0	98.1	98.8	99.0	99.6	99.7
IVM 0	87.2	89.9	91.2	92.8	94.9	95.5	96.0	96.8	97.0	97.5	98.0	98.1	98.8	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANG B CO

STATION NAME

74-83

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2922-1122
NO. OF DAYS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	70.2	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	70.2	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	79.5	79.8	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	79.9	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	81.7	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	82.5	83.3	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	83.7	84.7	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	84.9	86.1	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	86.1	87.4	88.0	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	86.5	87.8	88.5	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	87.7	89.4	90.0	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	88.3	89.7	90.3	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	88.6	90.4	91.3	91.4	91.7	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	89.2	91.2	92.4	92.6	92.9	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	89.8	91.7	92.9	93.2	93.5	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	89.9	91.8	93.1	93.4	93.8	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	89.9	91.9	93.4	93.9	94.3	94.5	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	90.1	92.4	93.9	94.5	95.1	95.4	96.0	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	90.1	92.4	94.1	94.9	95.6	96.0	96.7	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 300	90.1	92.6	94.5	95.4	96.0	96.5	97.1	98.3	98.3	98.5	98.7	98.9	99.2	99.2	99.2	99.2
≥ 200	90.1	92.6	94.5	95.4	96.0	96.6	97.2	98.4	98.4	98.7	98.9	99.1	99.8	100.0	100.0	100.0
≥ 100	90.1	92.6	94.5	95.4	96.0	96.6	97.2	98.4	98.4	98.7	98.9	99.1	99.8	100.0	100.0	100.0
≥ 0	90.1	92.6	94.5	95.4	96.0	96.6	97.2	98.4	98.4	98.7	98.9	99.1	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695
STATION

BUCKLEY ANGB CO
STATION NAME

74-63
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1233-1433
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥18000	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥16000	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥14000	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥12000	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥10000	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥8000	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥6000	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥4000	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥2000	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥1000	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥500	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥450	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥400	83.1	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥350	84.4	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥300	85.7	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥250	86.8	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥200	88.0	89.1	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥180	88.0	89.2	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥150	89.5	91.1	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥120	90.2	92.0	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥100	90.9	93.2	93.7	93.9	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥90	91.1	93.4	93.9	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥80	91.4	94.0	94.4	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥70	91.4	94.2	94.6	94.9	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥60	91.7	94.6	95.3	95.7	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥50	91.9	94.9	95.6	96.2	97.0	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥40	92.0	95.1	95.8	96.6	97.4	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥30	92.0	95.1	95.8	96.6	97.4	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥20	92.0	95.1	95.8	96.6	97.4	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥10	92.0	95.1	95.8	96.6	97.4	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥0	92.0	95.1	95.8	96.6	97.4	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 930

GL PAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

74-83

4AY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 20000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 14000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 9000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	86.8	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	87.2	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	87.7	88.5	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	88.5	89.2	89.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	90.0	90.9	91.0	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	90.1	91.0	91.1	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	90.4	91.8	91.9	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	91.2	92.8	93.1	93.9	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	91.4	93.6	94.0	94.7	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	92.1	94.5	94.8	95.6	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	92.1	94.6	94.9	95.7	96.2	96.2	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	92.2	94.7	95.1	95.8	96.3	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	92.4	94.8	95.2	96.0	96.9	96.9	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	92.4	94.9	95.3	96.1	97.3	97.3	97.5	97.8	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3
≥ 400	92.5	95.0	95.4	96.3	97.6	97.6	98.0	98.3	98.3	98.6	98.7	98.8	98.9	98.9	98.9	98.9
≥ 300	92.5	95.0	95.5	96.4	97.7	97.7	98.1	98.5	98.5	98.8	99.4	99.5	99.6	99.6	99.6	99.6
≥ 200	92.5	95.0	95.5	96.4	97.7	97.7	98.1	98.5	98.5	98.8	99.4	99.5	100.0	100.0	100.0	100.0
≥ 100	92.5	95.0	95.5	96.4	97.7	97.7	98.1	98.5	98.5	98.8	99.4	99.5	100.0	100.0	100.0	100.0
≥ 0	92.5	95.0	95.5	96.4	97.7	97.7	98.1	98.5	98.5	98.8	99.4	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANG B CO

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1970-7770

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	73.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	85.2	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	87.1	87.7	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	87.7	88.7	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	89.0	90.0	90.5	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	89.8	91.0	91.8	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	89.8	91.0	91.8	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	90.2	91.6	92.3	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	90.7	92.3	93.1	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	91.3	92.9	93.6	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	91.6	93.2	94.1	94.7	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	91.6	93.2	94.1	94.7	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	91.9	93.6	94.6	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	91.9	93.6	94.7	95.4	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	91.9	94.0	95.3	95.9	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	92.0	94.1	95.6	96.3	97.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	92.1	94.2	95.7	96.5	97.8	98.2	98.3	98.6	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2
≥ 200	92.1	94.2	95.7	96.5	98.1	98.4	98.5	98.8	98.9	99.1	99.1	99.4	99.8	99.8	99.8	99.8
≥ 100	92.1	94.2	95.7	96.5	98.1	98.5	98.6	98.9	99.0	99.4	99.4	99.6	100.0	100.0	100.0	100.0
≥ 0	92.1	94.2	95.7	96.5	98.1	98.5	98.6	98.9	99.0	99.4	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 9000	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	87.6	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	88.7	89.2	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	89.3	89.9	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	90.2	90.9	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	90.4	91.2	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	90.9	92.2	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	91.5	93.1	93.6	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	91.6	93.6	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	92.0	94.1	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	92.0	94.1	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	92.0	94.1	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	92.0	94.1	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	92.2	94.6	95.7	95.9	96.2	96.2	96.2	96.3	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7
≥ 400	92.7	95.1	96.2	96.4	97.0	97.1	97.5	97.6	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 300	92.9	95.5	96.5	96.8	97.3	97.4	97.8	98.0	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8
≥ 200	92.9	95.5	96.7	96.9	97.5	97.8	98.3	98.4	98.5	99.0	99.0	99.6	99.7	99.7	99.7	99.7
≥ 100	92.9	95.5	96.7	97.1	97.7	98.2	98.6	98.7	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0
≥ 0	92.9	95.5	96.7	97.1	97.7	98.2	98.6	98.7	98.8	99.4	99.4	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO. CEILING	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3
≥ 18000	52.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	63.1	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 12000	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
≥ 10000	70.7	71.3	71.3	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	71.2	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.5	71.6
≥ 8000	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	77.4	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 5000	80.7	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	81.2	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
≥ 4000	83.5	84.1	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	84.3	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
≥ 3000	85.4	86.4	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
≥ 2500	86.4	87.4	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
≥ 2000	87.5	88.7	89.1	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	87.6	88.8	89.3	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 1500	88.3	89.9	90.3	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 1200	88.8	90.5	91.0	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	89.3	91.3	91.9	92.3	92.6	92.6	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	89.8	92.0	92.7	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9
≥ 800	90.0	92.2	92.9	93.4	93.8	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	90.1	92.4	93.2	93.6	94.0	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5
≥ 600	90.3	92.7	93.6	94.1	94.7	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2	95.3	95.3	95.3
≥ 500	90.7	93.3	94.3	95.0	95.8	96.0	96.2	96.5	96.5	96.5	96.7	96.8	96.8	96.9	96.9	96.9
≥ 400	90.9	93.6	94.7	95.5	96.4	96.7	97.1	97.4	97.4	97.4	97.6	97.8	97.8	97.9	97.9	98.0
≥ 300	91.0	93.8	95.0	95.7	96.8	97.0	97.4	97.8	97.9	98.2	98.5	98.6	98.6	98.9	98.9	99.0
≥ 200	91.0	93.8	95.0	95.8	96.9	97.2	97.6	98.0	98.1	98.5	98.8	99.0	99.0	99.5	99.5	99.7
≥ 100	91.0	93.8	95.0	95.8	96.9	97.3	97.7	98.1	98.2	98.6	98.9	99.1	99.6	99.7	99.8	99.9
≥ 0	91.0	93.8	95.0	95.8	96.9	97.3	97.7	98.1	98.2	98.6	98.9	99.1	99.6	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

73-82

JUN

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥20000	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥18000	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥16000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥14000	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥12000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥10000	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥9000	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥8000	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥7000	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥6000	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥5000	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥4500	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥4000	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥3500	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥3000	95.9	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥2500	96.3	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥2000	96.8	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1800	96.8	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1500	97.1	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥1200	97.2	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1000	97.9	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥900	97.9	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥800	98.0	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥700	98.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600	98.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥500	98.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥400	98.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥300	98.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥200	98.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥100	98.0	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥50	98.0	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IN 20000	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IN 18000	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IN 16000	81.2	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IN 14000	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IN 12000	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IN 10000	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IN 9000	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 8000	88.1	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IN 7000	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IN 6000	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IN 5000	91.7	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IN 4500	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IN 4000	93.1	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IN 3500	93.2	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IN 3000	93.8	94.3	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IN 2500	93.9	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IN 2000	94.7	95.2	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IN 1800	95.0	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IN 1500	95.3	96.0	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IN 1200	95.6	96.2	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IN 1000	96.0	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IN 900	96.0	97.0	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IN 800	96.1	97.1	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IN 700	96.1	97.2	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IN 600	96.3	97.8	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 500	96.3	97.8	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 400	96.7	98.4	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 300	96.8	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IN 200	96.8	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IN 100	96.8	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IN 0	96.8	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ 0
NO CEILING	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20000	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 16000	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	91.4	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	91.8	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	92.1	92.7	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	92.4	93.0	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	92.7	93.2	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	93.3	93.6	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	93.7	94.6	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	94.2	95.3	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	94.2	95.3	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	94.2	95.4	96.1	96.3	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 800	94.2	95.4	96.1	96.3	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 700	94.3	95.8	96.4	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6
≥ 600	94.4	96.4	97.2	97.6	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
≥ 500	94.4	96.6	97.3	97.8	98.4	98.6	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 400	94.4	96.6	97.3	97.8	98.4	98.7	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 300	94.4	96.6	97.3	97.8	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200	94.4	96.6	97.3	97.8	98.7	99.1	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	94.4	96.6	97.3	97.8	98.7	99.1	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 50	94.4	96.6	97.3	97.8	98.7	99.1	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

73-82

144

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1972-1177

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥20000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
18000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
16000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
14000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
12000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
10000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
9000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
8000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
7000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
6000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
5000	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4500	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4000	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
3500	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
3000	93.9	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2500	94.6	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2000	95.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1800	95.2	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1500	95.9	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1200	96.1	96.9	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1000	96.1	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
900	96.3	97.8	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
800	96.3	97.8	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700	96.3	97.8	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	96.3	98.1	98.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	96.3	98.1	98.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	96.3	98.1	98.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	96.3	98.1	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	96.3	98.1	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	96.3	98.1	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.3	98.1	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 977

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695
STATION

BUCKLEY ANGB CO

STATION NAME

73-82

YEARS

JUN

1982

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1227-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
≥7000	54.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥6000	77.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥5000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥4000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥3000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥2000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥1500	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥1000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥800	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥600	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥400	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥300	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥200	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥150	95.7	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥100	96.3	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥80	96.4	96.3	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥60	96.6	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥50	96.7	97.0	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥40	96.8	97.2	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥30	96.8	97.2	97.9	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥20	96.9	97.6	98.4	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥15	96.9	97.6	98.6	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥10	96.9	97.9	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥8	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥6	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥5	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥4	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥3	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1	97.0	98.0	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695
STATION

BUCKLEY ANGB CO

STATION NAME

73-82

YEAR

MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2000	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1800	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1600	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1400	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1200	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1000	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 900	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 800	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 700	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 600	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 500	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 450	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 400	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 350	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 250	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 150	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	97.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 90	97.3	98.4	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 80	97.4	98.6	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 70	97.4	98.6	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 60	97.4	98.6	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 50	97.4	98.6	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 40	97.4	98.7	99.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	97.4	98.7	99.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	97.4	98.7	99.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	97.4	98.7	99.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	98.7	99.0	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1972-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	97.7	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.7	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	97.7	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	97.7	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	97.7	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	97.7	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	97.9	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	98.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	98.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	98.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	98.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	98.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	98.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2122-2122
GROUP

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 14000	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	97.1	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	97.4	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.4	98.0	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	97.6	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	97.7	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	97.7	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	97.7	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	97.8	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	97.9	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	97.9	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	98.1	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.1	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 977

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO

73-82

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	67.5	67.6	67.5	67.6	67.6	67.6	67.5	67.6	67.5	67.5	67.5	67.5	67.6	67.6	67.5	67.6
≥18000	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥16000	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥14000	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥12000	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥10000	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥8000	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥6000	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥4000	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥2000	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥1000	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥500	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥400	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥300	94.6	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥250	94.9	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥200	95.3	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥150	95.7	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥100	96.0	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥80	96.1	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥60	96.4	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥40	96.6	97.3	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥30	96.7	97.7	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥20	96.8	97.8	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥10	96.9	98.0	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥5	96.9	98.2	98.7	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥3	97.0	98.3	98.8	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥2	97.0	98.4	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥1	97.0	98.4	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥0	97.0	98.4	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7222

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 BUCKLEY ANGB CO

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. FLOOR	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥20000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥18000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥16000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥14000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥12000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥10000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥9000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥8000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥7000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥6000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥5000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥4500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥4000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥3500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥3000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥2500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥2000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1600	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1400	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥1200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANG B CO
STATION NAME

73-82
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2322-1522
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥20000	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥18000	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥16000	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥14000	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥12000	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥10000	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥9000	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥8000	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥7000	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥6000	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥5000	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥4500	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥4000	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥3500	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥3000	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥2500	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥2000	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1800	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1600	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1400	97.0	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1200	97.1	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥1000	97.1	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥900	97.1	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥800	97.1	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥700	97.1	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥600	97.1	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥500	97.2	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥400	97.3	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥300	97.4	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥200	97.4	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥100	97.4	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥0	97.4	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	77.1	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	81.3	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	81.3	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	81.5	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	86.2	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	90.0	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	90.2	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	91.3	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	91.7	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	91.9	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	92.5	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	92.8	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	93.1	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	93.1	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	93.8	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	93.8	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	94.1	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	94.5	95.4	96.1	96.2	96.2	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	95.1	96.3	96.8	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	95.1	96.0	96.8	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	95.2	96.1	97.1	97.2	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	95.2	96.1	97.1	97.2	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	95.3	96.2	97.3	97.4	97.5	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	95.3	96.2	97.3	97.5	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	95.4	96.5	97.5	97.7	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	95.4	96.5	97.8	98.1	98.2	98.4	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	95.4	96.6	98.1	98.3	98.4	98.6	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.8
≥ 100	95.4	96.6	98.1	98.3	98.4	98.6	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.8
≥ 50	95.4	96.6	98.1	98.3	98.4	98.6	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 930

124595 BUCKLEY ANGB CO

73-82

5933-1130

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
CAFETAC
A1- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

73-82

YEAR

MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
2 20000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
2 18000	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
2 16000	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
2 14000	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
2 12000	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
2 10000	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
2 9000	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
2 8000	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2 7000	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2 6000	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
2 5000	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
2 4500	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
2 4000	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2 3500	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
2 3000	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2 2500	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 2000	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 1800	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 1500	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 1200	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 1000	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 900	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 800	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 700	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 600	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 500	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 400	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 300	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 200	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 100	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 50	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 0	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANG B CO

STATION NAME

73-82

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1522-1720

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	34.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
18000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
16000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
14000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
12000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
10000	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
8000	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
6000	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
4000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
2000	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
1000	89.4	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
500	95.2	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
200	95.3	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
100	97.2	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
50	97.5	98.3	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
25	98.3	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
15	98.3	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
10	98.4	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
5	98.4	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
2	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
1	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.5	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.2	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.1	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.05	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.02	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.01	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.005	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.002	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.001	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.0005	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.0002	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.0001	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.00005	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.00002	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.00001	98.5	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695

BUCKLEY ANG B CO

73-62

141

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1957-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUICKLEY ANSB CO

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2122-2330

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥2000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥1800	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥1600	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥1400	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥1200	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥1000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥900	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥800	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥700	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥6000	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥5000	96.7	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥4500	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥4000	97.6	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥3500	97.6	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥3000	98.0	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥2500	98.2	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥2000	98.7	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1800	98.7	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1500	98.7	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1200	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥1000	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥900	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥800	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥700	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥600	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥500	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥300	99.1	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	99.1	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	99.1	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	99.1	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥20	99.1	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1280 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO

STATION NAME

73-82

YEAR

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥20000	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥18000	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥16000	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥14000	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥12000	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥10000	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥8000	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥6000	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥4000	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥2000	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥1000	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥500	94.7	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥250	94.8	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥125	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥62.5	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥31.25	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥15.625	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥7.8125	97.4	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥3.90625	97.4	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1.953125	97.5	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0.9765625	97.7	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.48828125	97.8	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥0.244140625	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥0.1220703125	97.8	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥0.06103515625	97.9	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥0.030517578125	97.9	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥0.0152587890625	98.0	98.9	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.00762939453125	98.0	98.9	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0.003814697265625	98.0	98.9	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0.0019073486328125	98.0	98.9	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0.00095367431640625	98.0	98.9	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 7480

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 EUCKLEY ANGB CO

73-62

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0327-2520

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	77.2	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥20000	82.3	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥18000	82.3	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥16000	82.5	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥14000	83.3	83.5	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥12000	88.4	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥10000	90.4	90.6	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥9000	90.6	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥8000	91.4	91.6	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥7000	91.8	92.0	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥6000	92.6	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥5000	93.0	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥4500	93.0	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥4000	94.0	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥3500	94.4	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥3000	94.4	94.8	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥2500	94.9	95.4	95.8	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥2000	95.2	95.7	96.3	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥1800	95.4	95.9	96.6	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥1600	95.7	96.5	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥1400	95.9	96.7	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1200	96.0	96.9	97.5	97.5	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥1000	96.1	97.0	97.6	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥900	96.1	97.0	97.6	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥800	96.2	97.1	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥700	96.2	97.2	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥600	96.2	97.2	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥500	96.3	97.3	98.2	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥400	96.5	97.5	98.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥300	96.7	97.7	98.6	98.7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥200	96.7	97.7	98.6	98.7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7
≥100	96.7	97.7	98.6	98.7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724895 BUCKLEY ANG CO

73-82

AMS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-2800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	71.4	71.5	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 20000	79.4	79.6	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
≥ 18000	79.4	79.6	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
≥ 16000	79.6	79.8	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 14000	81.4	81.7	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 12000	86.0	86.3	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 10000	88.4	88.7	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5
≥ 9000	88.5	88.8	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 8000	88.9	89.2	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 7000	89.0	89.4	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 6000	89.8	90.4	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 5000	90.3	91.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
≥ 4500	90.3	91.1	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
≥ 4000	91.2	91.9	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 3500	91.4	92.2	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 3000	91.7	92.6	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 2500	92.0	93.2	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 2000	92.0	93.2	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 1800	92.1	93.3	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1600	92.2	93.7	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 1400	92.9	94.4	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1200	93.4	95.1	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5
≥ 1000	93.4	95.1	95.3	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 900	93.5	95.2	95.9	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8
≥ 800	93.5	95.2	96.0	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9
≥ 700	93.7	95.3	96.2	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1
≥ 600	94.0	95.8	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.8	97.8
≥ 500	94.0	96.1	97.2	97.5	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5
≥ 400	94.1	96.1	97.2	97.7	98.2	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.4	99.4
≥ 300	94.0	96.1	97.2	97.7	98.2	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.4	99.4
≥ 200	94.0	96.1	97.2	97.8	98.3	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.7	99.7
≥ 100	94.0	96.1	97.2	97.8	98.3	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 JCKLEY ANG CO

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6927-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 12000	88.7	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 10000	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 9000	90.1	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 8000	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	91.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	91.8	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	92.3	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	92.9	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	93.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	93.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	94.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	94.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1600	94.8	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1400	95.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	95.3	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	95.3	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	95.3	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	95.4	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	95.4	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	95.4	97.6	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	95.4	97.7	98.2	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	95.4	98.0	98.4	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	95.4	98.0	98.4	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	95.4	98.0	98.4	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	95.4	98.0	98.4	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 50	95.4	98.0	98.4	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 20	95.4	98.0	98.4	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 10	95.4	98.0	98.4	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGR CO
STATION NAME

73-82
YEAR

A-15
DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1252-1422

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	97.4	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.4	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1600	97.4	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1400	97.7	98.4	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	97.8	98.6	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.8	98.6	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.8	98.6	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.8	98.6	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.8	98.6	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.8	98.7	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.0	98.8	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.0	98.8	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.0	98.8	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.0	98.8	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.0	98.8	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.0	98.8	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 BUCKLEY ANGB CO

73-82

445

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1507-1722

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
18000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
16000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
14000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
12000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
10000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
9000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1
8000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4
7000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7
6000	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6
5000	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
4500	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
4000	95.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
3500	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
3000	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
2500	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
2000	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
1800	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
1600	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
1400	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
1200	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
1000	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
900	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
800	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
700	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
600	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
500	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
400	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
300	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
200	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
100	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
50	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
25	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
10	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
5	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
1	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

73-87

4.5

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1972-1973

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
20000	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
18000	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
16000	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
14000	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
12000	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
10000	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
8000	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
6000	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
4000	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
2000	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1000	95.4	95.5	95.5	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
500	95.4	95.5	95.5	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
250	96.3	96.6	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
150	96.7	97.1	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
100	97.1	97.4	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
75	97.4	97.8	98.1	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
50	97.5	98.0	98.2	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
25	97.5	98.0	98.2	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
15	97.6	98.2	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
10	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
5	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2.5	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1.5	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.5	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.25	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.1	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.05	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.025	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.01	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.005	98.3	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
 STATION

BUCKLEY ANGB CO
 STATION NAME

73-82
 YEAR

845
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2177-2300
 DAY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	66.9	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥18000	72.8	72.8	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥16000	72.8	72.8	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥14000	72.9	72.9	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥12000	74.1	74.1	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥10000	81.4	81.4	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥8000	86.9	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥6000	87.5	87.5	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥4000	88.4	88.4	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥2000	88.4	88.4	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥1000	94.9	94.9	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥500	96.1	96.1	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥250	96.0	96.1	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥125	96.2	96.2	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥62.5	96.6	97.1	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥31.25	96.7	97.4	97.5	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥15.625	97.2	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥7.8125	97.3	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥3.90625	97.4	98.2	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥1.953125	98.1	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥0.9765625	98.0	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥0.48828125	98.1	98.8	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.244140625	98.1	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0.1220703125	98.1	99.0	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥0.06103515625	98.1	99.0	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥0.030517578125	98.1	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0.0152587890625	98.1	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0.00762939453125	98.1	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 910

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

73-82

4-15

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	64.5	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
18000	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
16000	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
14000	74.7	74.9	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
12000	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
10000	85.6	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
9000	86.1	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
8000	86.8	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
7000	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
6000	92.9	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
5000	93.9	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
4500	93.9	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
4000	94.7	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
3500	95.1	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
3000	95.4	96.1	96.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
2500	95.9	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
2000	96.0	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
1800	96.1	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
1600	96.2	97.3	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1400	96.6	97.7	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1200	96.7	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
1000	96.7	97.9	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
900	96.7	97.9	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
800	96.7	98.0	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
700	96.8	98.3	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
600	96.8	98.2	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	96.9	98.3	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
400	96.9	98.3	98.8	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
300	96.9	98.4	98.8	99.0	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
200	96.9	98.4	98.8	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
100	96.9	98.4	98.8	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
0	96.9	98.4	98.8	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 STATION BUICKLEY ANG CO

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-2200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥20000	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥8000	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥5000	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥4000	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥3000	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥2000	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥1500	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥1000	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥700	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥6000	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥5000	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥4500	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥4000	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥3500	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥3000	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥2500	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥2000	94.2	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥1800	94.2	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥1500	94.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1200	95.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥1000	95.2	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥900	95.2	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥800	95.7	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥700	95.8	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥600	95.9	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥500	96.4	98.1	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥400	96.4	98.1	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥300	96.6	98.2	98.8	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥200	96.6	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥100	96.6	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥50	96.6	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

73-62

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥20000	80.3	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥18000	80.3	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥16000	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥14000	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥12000	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥10000	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥9500	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥9000	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥8500	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥8000	88.1	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥7500	89.1	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥7000	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥6500	90.9	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥6000	91.3	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥5500	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥5000	91.8	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥4500	92.2	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥4000	92.2	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥3500	93.2	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥3000	93.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥2500	93.8	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥2000	94.0	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥1800	94.0	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥1600	94.4	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥1400	95.0	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥1200	95.9	97.3	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1000	96.0	97.6	98.1	98.6	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥900	96.1	97.7	98.3	98.9	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥800	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥700	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥600	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥500	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥50	96.1	97.8	98.4	99.0	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANG B CO
STATION NAME

73-82
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6637-3830
TOTAL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	71.4	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	75.7	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000	75.7	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 16000	75.8	76.1	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	76.3	76.7	77.1	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	80.0	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	84.0	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	84.1	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	85.4	85.8	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	85.7	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	86.0	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	87.1	87.6	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	87.1	87.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	88.0	88.6	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	88.3	88.9	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	88.7	89.3	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	89.2	89.9	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	90.1	91.0	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	90.2	91.2	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1600	91.1	92.4	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1400	91.4	93.0	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	91.6	93.6	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	91.6	93.6	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	91.8	93.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	92.7	94.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	92.7	94.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	92.7	94.6	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	92.7	95.3	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	92.7	95.8	97.1	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	92.7	95.9	97.2	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	92.7	96.0	97.3	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	92.7	96.0	97.3	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 50	92.7	96.0	97.3	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 970

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AND WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANG CO

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
≥20000	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥18000	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥16000	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥14000	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥12000	62.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥10000	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥9000	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥8000	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥7000	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥6000	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥5000	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥4500	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥4000	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥3500	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥3000	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥2500	94.3	95.3	95.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥2000	95.2	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1800	95.4	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥1600	95.7	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥1400	96.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥1200	96.3	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥1000	96.6	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥900	96.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥800	96.9	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥700	96.9	98.8	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥600	96.9	98.8	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥500	96.9	99.0	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	96.9	99.0	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	96.9	99.0	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	96.9	99.0	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	96.9	99.0	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	96.9	99.0	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724895 BUCKLEY ANG CO

73-82

SEP

STATION

STATION NAME

PERIOD

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. OF OBS.	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥20000	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥18000	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥16000	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥14000	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥12000	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥10000	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥8000	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥6000	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥4000	83.7	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥2000	88.6	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥1000	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥500	90.8	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥200	92.6	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥100	93.1	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥50	93.6	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥20	94.4	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥10	94.9	96.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥5	95.2	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥2	95.4	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥1	95.8	97.3	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥0.5	95.8	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥0.2	95.9	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥0.1	96.0	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.05	96.0	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.02	96.0	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.01	96.0	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.005	96.0	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.002	96.0	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.001	96.0	98.3	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
CLIMATE BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

DJCKLEY ANGR CO
STATION NAME

73-82
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1377-2010
DATE

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥2000	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
1800	67.4	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
1600	67.4	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
1400	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
1200	74.6	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
1000	81.6	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
900	82.7	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
800	84.2	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
700	84.4	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
600	90.8	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
500	91.9	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
400	92.0	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
300	93.7	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
200	94.6	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
100	94.6	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥100	94.9	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥200	95.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥300	95.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥400	95.3	96.3	97.1	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥500	95.4	96.6	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥600	95.6	96.9	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥700	95.6	96.9	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥800	95.6	97.1	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥900	95.7	97.2	97.9	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1000	95.8	97.7	98.4	99.1	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥1100	95.8	97.7	98.4	99.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	95.8	97.7	98.4	99.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1300	95.8	97.7	98.4	99.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1400	95.8	97.7	98.4	99.1	99.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	63.3	68.4	69.5	68.5	6.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥20000	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥18000	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥16000	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥14000	76.5	76.7	76.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥12000	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥10000	84.3	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥9000	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥8000	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥7000	86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥6000	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥5000	90.1	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥4500	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥4000	91.6	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥3500	92.1	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥3000	92.7	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥2500	93.2	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥2000	93.8	94.7	95.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥1800	93.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥1600	94.4	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥1400	94.8	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥1200	95.7	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥1000	95.0	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥900	95.2	96.8	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥800	95.4	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥700	95.5	97.3	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥600	95.8	97.8	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥500	95.8	97.9	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥400	95.8	98.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥300	95.8	98.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥200	95.8	98.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥100	95.8	98.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥50	95.8	98.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥20	95.8	98.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 7270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695

BUCKLEY ANGB CO

73-82

201

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1222-2422

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.03	≥0.02	≥0.01	≥0.005
≥20000	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥18000	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥16000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥14000	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥12000	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥10000	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥9000	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥8000	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥7000	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥6000	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥5000	88.7	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥4500	88.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥4000	90.6	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥3500	91.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥3000	91.4	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥2500	92.0	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥2000	92.5	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1800	92.5	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1500	92.9	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥1200	92.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥1000	93.1	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥900	93.3	96.1	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥800	93.4	96.5	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥700	93.8	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥600	93.8	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥500	93.9	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥400	94.0	97.5	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥300	94.1	97.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥200	94.1	97.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥100	94.1	97.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥50	94.1	97.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

324595

BUCKLEY ANGB CO

73-82

267

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

337-2500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
27000	76.3	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
26000	81.0	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
25000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
24000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
23000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
22000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
21000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
20000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
19000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
18000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
17000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
16000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
15000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
14000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
13000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
12000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
11000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
10000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
9000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
8000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
7000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
6000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
5000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
4000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
3000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
500	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
200	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
100	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
50	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
20	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
10	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
5	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9

TOTAL NUMBER OF OBSERVATIONS 932

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO

73-82

257

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2500-2800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING ≥ 2000	65.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1800	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 1600	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 1400	77.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
≥ 1200	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 1000	84.6	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 800	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
≥ 600	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 400	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 200	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 100	87.7	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
≥ 50	88.2	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 25	89.4	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 12.5	89.8	90.3	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0
≥ 6.25	90.3	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 3.125	90.8	91.4	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 1.5625	90.9	91.5	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ .78125	91.0	91.6	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5
≥ .390625	91.2	91.8	92.4	92.5	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ .1953125	91.5	92.5	93.0	93.1	93.2	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ .09765625	91.5	92.8	93.3	93.4	93.5	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ .048828125	91.6	93.1	93.7	93.8	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.8	94.8
≥ .0244140625	91.6	93.1	93.7	93.8	93.9	93.9	94.1	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.2	95.2
≥ .01220703125	91.6	93.2	93.8	93.9	94.0	94.0	94.2	94.8	94.8	94.8	94.8	95.4	95.4	95.4	95.5	95.5
≥ .006103515625	92.0	93.7	94.3	94.4	94.5	94.5	94.7	95.4	95.5	95.5	95.5	95.9	95.9	95.9	96.0	96.0
≥ .0030517578125	92.2	94.1	94.7	94.8	95.1	95.1	95.6	96.2	96.5	96.6	97.0	97.0	97.0	97.0	97.1	97.1
≥ .00152587890625	92.2	94.4	95.2	95.3	95.5	95.5	96.0	96.9	97.1	97.2	97.7	97.7	97.7	97.7	97.8	97.8
≥ .000762939453125	92.2	94.5	95.5	95.6	96.0	96.0	96.7	97.6	98.1	98.3	98.8	98.8	99.0	99.0	99.1	99.1
≥ .0003814697265625	92.2	94.5	95.5	95.6	96.1	96.1	96.8	97.7	98.2	98.5	99.0	99.0	99.5	99.5	99.6	99.6
≥ .00019073486328125	92.2	94.5	95.5	95.6	96.1	96.1	96.8	97.7	98.2	98.5	99.0	99.0	99.6	99.6	99.8	99.8
≥ .000095367431640625	92.2	94.5	95.5	95.6	96.1	96.1	96.8	97.7	98.2	98.5	99.0	99.0	99.6	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 232

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724495
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
YEAR

261
JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2937-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
10000	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
8000	80.4	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
6000	80.5	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
4000	82.5	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2000	81.5	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
1000	84.6	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
800	86.9	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
600	87.8	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
400	88.5	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
200	88.5	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
100	89.2	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
80	89.5	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
60	89.5	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
40	89.5	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
20	90.9	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
10	91.0	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
8	91.5	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
6	91.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
4	92.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
2	92.4	93.5	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
1	92.5	93.8	93.8	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
0.8	92.7	94.1	94.1	94.1	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0.6	93.0	94.4	94.4	94.4	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
0.4	93.0	94.5	94.5	94.5	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
0.2	93.2	94.9	95.1	95.1	95.6	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
0.1	93.2	95.3	95.7	95.7	96.2	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
0.08	93.3	95.4	95.8	95.8	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.06	93.4	95.5	95.9	95.9	96.6	97.1	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0.04	93.4	95.5	95.9	95.9	96.6	97.1	97.6	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0.02	93.4	95.5	96.1	96.1	96.8	97.3	97.8	98.3	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0
0.01	93.4	95.5	96.1	96.1	96.8	97.3	97.8	98.4	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1
0.00	93.4	95.5	96.1	96.1	96.8	97.3	97.8	98.4	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGB CO
STATION NAME

73-87

207

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ .00
25000	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
20000	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
18000	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
16000	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
14000	83.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
12000	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
10000	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
9000	87.0	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
8000	87.6	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
7000	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
6000	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
5000	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
4500	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
4000	91.1	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
3500	91.8	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
3000	91.9	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2500	92.8	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2000	93.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1800	93.1	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1600	93.4	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1400	93.8	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1200	94.2	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
1000	94.4	95.4	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
900	94.4	95.4	96.2	96.2	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
800	94.4	95.4	96.3	96.3	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
700	94.4	95.4	96.3	96.3	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
600	94.4	95.4	96.3	96.3	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
500	94.4	95.4	96.3	96.3	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
450	94.6	95.7	96.7	96.7	97.0	97.4	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
400	94.6	95.7	96.8	96.8	97.3	97.7	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
350	94.6	95.7	96.8	96.8	97.5	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
300	94.6	95.7	96.8	96.8	97.5	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
250	94.6	95.7	96.8	96.8	97.5	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
200	94.6	95.7	96.8	96.8	97.5	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
150	94.6	95.7	96.8	96.8	97.5	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100	94.6	95.7	96.8	96.8	97.5	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695

BUCKLEY ANG B CO

73-82

257

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1537-1730

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	65.3	58.4	68.4	68.4	68.4	68.4	68.4	68.4	58.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥20000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥18000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥16000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥14000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥12000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥10000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥9000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥8000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥7000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥6000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥5000	90.6	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥4500	90.6	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥4000	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥3500	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥3000	93.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥2500	93.4	94.7	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥2000	93.8	95.1	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥1800	94.2	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1600	94.2	95.5	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1400	94.3	96.2	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥1200	94.3	96.2	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥1000	94.3	96.5	96.9	96.9	96.9	97.1	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥900	94.3	96.7	97.1	97.1	97.1	97.3	97.3	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥800	94.3	96.7	97.1	97.1	97.1	97.3	97.3	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥700	94.3	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥600	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3
≥500	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9
≥400	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	99.2	99.2	99.2	99.2	99.2	99.2
≥300	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	99.5	99.5	99.5	99.5	99.5	99.5
≥200	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	99.8	99.8	99.8	99.8	99.8	99.8
≥100	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	99.8	99.8	99.8	99.8	99.8	99.8
≥50	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	99.8	99.8	99.8	99.8	99.8	99.8
≥25	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	99.8	99.8	99.8	99.8	99.8	99.8
≥12.5	94.4	96.9	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO

STATION NAME

73-82

YEAR

2CT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥2000	74.9	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥1800	74.9	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥1600	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥1400	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥1200	80.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥1000	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥900	86.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥800	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥700	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥600	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥500	90.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥450	91.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥400	91.9	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥350	92.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥300	92.5	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥250	92.6	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥200	92.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥180	92.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥160	93.0	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥140	93.3	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥120	93.4	95.9	96.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥100	93.5	96.0	96.2	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥90	93.5	96.0	96.2	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥80	93.5	96.0	96.2	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥70	93.5	96.5	96.7	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥60	93.7	96.9	97.1	97.6	97.8	97.8	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥50	93.7	96.9	97.1	97.6	98.0	98.0	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥40	93.7	96.9	97.1	97.6	98.0	98.0	98.5	99.1	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.7
≥30	93.7	96.9	97.1	97.6	98.0	98.0	98.5	99.1	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.7
≥20	93.7	96.9	97.1	97.6	98.0	98.0	98.5	99.1	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.7
≥10	93.7	96.9	97.1	97.6	98.0	98.0	98.5	99.1	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.7
≥0	93.8	97.2	97.2	97.7	98.1	98.1	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMAT. CLIMATOLOGY BRANCH
USAF ETAC
AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO
STATION NAME

73-62
YEAR

251
PERCENTAGE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO. CEILING	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 20000	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	76.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 8000	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	90.5	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	91.6	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	92.1	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	92.3	93.4	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	92.5	93.7	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	93.1	94.4	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	93.1	94.4	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1600	93.2	94.6	95.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1400	93.2	94.7	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	93.4	95.2	95.7	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	93.5	95.4	95.9	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	93.7	95.6	96.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	93.7	95.7	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	93.7	95.9	96.5	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	94.0	96.8	97.3	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	94.1	96.9	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	94.1	96.9	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	94.1	96.9	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	94.1	96.9	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	94.1	96.9	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	94.1	96.9	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY AFB CO

73-82

ACT

STATION

STATION NAME

YEAR

MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
4000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥2000	70.8	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥1800	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥1600	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥1400	79.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥1200	82.2	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥1000	85.7	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥800	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥600	86.9	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥400	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥200	88.4	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥100	89.4	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥50	89.6	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥25	91.0	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥12	91.7	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥6	91.7	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥3	92.1	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥1	92.4	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥1/2	92.5	93.8	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥1/4	92.8	94.2	94.4	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥1/8	93.1	94.5	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥1/16	93.1	95.0	95.3	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥1/32	93.3	95.2	95.6	95.8	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥1/64	93.3	95.4	95.8	96.0	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥1/128	93.4	95.5	96.0	96.2	96.5	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥1/256	93.4	95.7	96.2	96.4	96.7	96.8	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4
≥1/512	93.6	96.2	96.5	96.8	97.2	97.3	97.6	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.4	98.4
≥1/1024	93.6	96.2	96.8	97.1	97.6	97.7	98.1	98.6	98.7	98.8	99.0	99.0	99.1	99.1	99.2	99.2
≥1/2048	93.6	96.2	96.9	97.3	97.8	97.9	98.4	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6
≥1/4096	93.6	96.2	96.9	97.3	97.8	98.0	98.4	98.9	99.1	99.2	99.5	99.5	99.8	99.8	99.9	99.9
≥1/8192	93.7	96.2	96.9	97.3	97.8	98.0	98.4	98.9	99.1	99.2	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANGE CO

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0100

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	67.6	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
900	75.3	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
800	75.4	76.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
700	75.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
600	75.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
500	76.5	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
400	78.9	80.0	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
300	79.0	80.1	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
200	79.3	80.4	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
100	79.6	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
0	81.1	82.4	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
1000	81.9	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
900	82.2	83.9	83.9	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
800	82.8	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
700	83.1	85.1	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
600	83.7	85.9	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
500	83.9	86.3	86.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
400	84.0	86.8	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
300	84.0	86.9	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
200	84.1	87.1	87.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
100	84.1	87.4	87.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
0	84.2	87.7	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1000	84.3	88.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
900	84.3	88.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
800	84.3	88.1	88.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
700	84.4	88.2	88.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
600	84.4	88.2	88.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
500	84.4	88.2	88.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
400	84.4	88.2	88.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
300	84.4	88.2	88.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
200	84.4	88.2	88.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
100	84.4	88.2	88.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
0	84.4	88.2	88.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8

TOTAL NUMBER OF OBSERVATIONS 922

CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704395

BUCKLEY ANG B CO

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

320-3522

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 2000	59.5	70.8	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.5	71.6
1800	76.6	77.9	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.8	78.8
1600	75.5	77.9	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.8	78.8
1400	76.8	78.1	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	79.0	79.0
1200	77.8	79.1	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	80.0	80.0
1000	78.7	80.0	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	81.0	81.0
800	80.8	82.2	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.2	83.2
600	81.1	82.7	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.9	83.9
400	81.1	82.7	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.9	83.9
200	81.4	83.0	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.2	84.2
100	81.8	83.3	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.5	84.6
500	82.3	83.9	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.1	85.1
400	82.4	84.1	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.4	85.4
300	82.9	84.7	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	86.0	86.0
200	83.2	85.0	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.4	86.4
100	83.6	85.3	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.9	86.9
500	83.7	85.4	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	87.1	87.1
400	84.1	86.2	87.0	87.1	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.9	87.9
300	84.1	86.5	87.3	87.4	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.2	88.2
200	84.2	86.8	87.9	88.1	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.7	88.7	89.0	89.0
100	84.2	87.1	88.2	88.4	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.3	89.3
500	84.2	87.2	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.4	89.4
400	84.8	87.8	89.1	89.3	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.2	90.2
300	84.9	87.9	89.2	89.6	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.4	90.4
200	84.9	88.1	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.9	90.9
100	85.0	88.4	90.0	90.3	90.8	90.9	90.9	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.6	91.6
500	85.2	89.1	90.8	91.1	91.7	91.8	91.8	91.8	91.8	92.2	92.4	92.4	92.6	92.6	92.9	92.9
400	85.7	89.8	91.8	92.1	92.8	92.9	92.9	92.9	93.2	93.8	94.2	94.2	94.6	94.7	95.0	95.0
300	85.4	89.9	91.9	92.2	93.3	93.4	93.4	93.8	94.3	94.8	94.8	95.1	95.2	95.2	95.6	95.7
200	85.6	90.0	92.0	92.3	93.8	93.9	94.1	94.4	95.1	95.6	96.0	96.3	97.0	97.0	97.3	97.7
100	85.6	90.0	92.0	92.3	93.8	93.9	94.1	94.6	95.2	95.8	96.3	96.7	97.6	97.6	98.0	98.3
50	85.6	90.0	92.0	92.3	93.8	93.9	94.1	94.6	95.2	95.8	96.4	96.8	97.7	97.7	98.4	98.7

TOTAL NUMBER OF OBSERVATIONS 920

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANG3 CO

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6622-7830

CEILING FEET	VISIBILITY - STATUTE MILES															
	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	65.2	66.1	66.3	66.4	66.4	66.7	66.8	66.8	65.9	65.8	66.8	66.8	66.8	66.9	66.9	67.0
900	74.3	75.3	75.8	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4
800	74.3	75.3	75.8	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4
700	74.4	75.4	76.2	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.6	76.7
600	76.3	77.3	77.8	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.4
500	79.1	80.1	80.4	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.1
400	81.1	82.2	82.7	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.3
300	81.2	82.4	82.9	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.5
200	81.7	82.9	83.3	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0
100	81.7	82.9	83.3	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0
50	82.1	83.3	83.3	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.4
30	83.2	84.4	84.7	85.0	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.5
20	83.2	84.4	84.7	85.0	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.5
10	83.9	85.1	85.4	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.1
5	83.9	85.2	85.7	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.3
3	84.1	85.3	85.9	86.0	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.8
2	84.6	86.2	86.8	86.9	87.0	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8
1	85.0	86.8	87.4	87.6	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.4
0	85.1	87.1	87.8	87.9	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.8
0.5	85.3	87.2	88.1	88.2	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.3
0.25	85.4	87.8	88.9	89.3	89.7	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.6	90.6	90.7
0.1	85.6	88.1	89.3	89.9	90.2	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.1	91.1	91.2
0.05	85.7	88.3	89.7	90.2	90.6	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.4	91.4	91.5
0.025	85.7	88.3	89.7	90.3	90.7	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.6	91.6	91.7
0.01	85.8	88.7	90.0	90.7	91.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.9	91.9	92.0
0.005	85.8	88.8	90.1	91.0	91.3	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.3	92.3	92.4
0.0025	85.9	89.1	90.6	91.4	91.8	92.2	92.4	92.7	92.8	93.0	93.2	93.3	93.6	93.7	93.8	94.1
0.001	85.9	89.3	90.9	92.0	92.3	92.8	93.0	93.4	93.7	93.9	94.3	94.6	94.9	95.0	95.1	95.4
0.0005	85.9	89.3	90.9	92.0	92.3	92.9	93.1	93.7	94.0	94.6	95.2	95.4	96.0	96.1	96.2	96.6
0.00025	85.9	89.3	90.9	92.0	92.4	93.0	93.3	93.9	94.3	94.9	96.0	96.3	97.0	97.4	97.6	98.2
0.0001	85.9	89.3	90.9	92.0	92.6	93.1	93.4	94.0	94.4	95.1	96.2	96.6	97.4	97.9	98.1	98.8
0.00005	85.9	89.3	90.9	92.0	92.6	93.1	93.4	94.0	94.4	95.1	96.2	96.6	97.4	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO

73-62

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1955-1959

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	64.1	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
900	74.1	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
800	74.2	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
700	74.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
600	74.3	75.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
500	81.6	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
400	83.7	84.2	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
300	83.9	84.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
200	84.6	85.2	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
100	84.6	85.2	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
50	85.0	85.7	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
25	85.3	86.0	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
10	85.3	86.3	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
5	85.4	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
2	85.4	86.3	86.7	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1	85.9	86.9	87.2	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
0.5	86.2	87.3	87.7	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
0.25	86.8	87.9	88.2	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0.1	87.0	88.3	88.8	89.3	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
0.05	87.6	88.9	89.4	90.2	90.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
0.025	87.9	89.3	90.0	90.8	90.9	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.01	87.9	89.6	90.2	91.0	91.1	91.2	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
0.005	87.9	89.7	90.3	91.2	91.4	91.6	91.8	91.9	92.0	92.3	92.3	92.3	92.4	92.7	92.9	92.9
0.0025	88.1	90.1	91.0	91.9	92.1	92.2	92.4	92.6	92.7	93.0	93.0	93.1	93.3	93.3	93.6	93.6
0.001	88.3	90.2	91.1	92.0	92.3	92.4	92.7	92.8	92.9	93.2	93.3	93.3	93.6	93.8	93.8	94.0
0.0005	88.3	90.6	91.4	92.4	92.9	93.1	93.7	94.1	94.2	94.7	94.9	95.2	95.8	95.8	96.0	96.0
0.00025	88.0	90.6	91.4	92.6	93.2	93.4	94.3	94.8	94.9	95.3	95.6	96.0	96.9	96.9	97.1	97.1
0.0001	88.0	90.6	91.4	92.6	94.0	94.2	95.1	95.6	95.7	96.2	96.8	97.2	98.2	98.2	98.4	98.7
0.00005	88.3	90.6	91.4	92.6	94.0	94.2	95.1	95.6	95.7	96.3	96.9	97.3	98.9	99.3	99.6	99.9
0.000025	88.3	90.6	91.4	92.6	94.0	94.2	95.1	95.6	95.7	96.3	96.9	97.3	98.9	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

024595 BUCKLEY ANG B CO

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	62.1	62.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥20000	75.3	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥18000	75.7	76.3	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥16000	76.3	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥14000	79.1	79.9	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥12000	81.9	82.7	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥10000	84.2	85.2	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥9000	84.2	85.2	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥8000	84.6	85.3	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥7000	84.7	85.4	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥6000	84.8	85.6	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥5000	85.4	86.2	86.4	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥4500	85.4	86.2	86.4	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥4000	85.9	86.3	87.2	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥3500	86.7	86.9	87.1	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥3000	86.9	88.2	88.2	88.6	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥2500	87.3	88.1	88.3	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥2000	87.1	88.3	88.6	88.9	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥1800	87.2	88.4	88.7	89.0	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥1500	87.7	89.2	89.7	90.0	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥1200	88.7	90.4	91.0	91.6	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥1000	88.7	91.3	91.9	92.6	93.0	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥900	88.7	91.6	92.2	92.9	93.3	93.6	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥800	88.7	91.7	92.3	93.0	93.4	93.7	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥700	88.9	92.1	93.7	93.7	94.1	94.3	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥600	89.2	92.2	93.1	93.8	94.4	94.7	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥500	89.0	92.3	93.2	94.0	94.7	95.2	95.6	95.9	96.1	96.2	96.9	97.0	97.3	97.3	97.3	97.3
≥400	89.0	92.3	93.3	94.1	94.9	95.4	95.9	96.3	96.6	96.7	97.3	97.4	97.9	97.9	97.9	97.9
≥300	89.1	92.4	93.6	94.3	95.3	95.9	96.3	96.9	97.1	97.2	97.9	98.0	98.6	98.8	99.1	99.1
≥200	89.1	92.4	93.6	94.3	95.3	95.9	96.4	97.0	97.2	97.3	98.2	98.3	99.3	99.6	99.9	99.9
≥100	89.1	92.4	93.6	94.3	95.3	95.9	96.4	97.0	97.2	97.3	98.2	98.3	99.3	99.6	100.0	100.0
≥50	89.1	92.4	93.6	94.3	95.3	95.9	96.4	97.0	97.2	97.3	98.2	98.3	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595
STATION

BUCKLEY ANGB CO

73-82

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1522-1722
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	59.7	61.4	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	73.3	74.2	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	73.6	74.4	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	74.4	75.3	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	76.4	77.6	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	78.7	79.9	80.3	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	82.0	83.3	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	82.1	83.4	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	83.2	84.6	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	83.2	84.6	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	83.8	85.1	85.6	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	84.4	85.9	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500	84.4	85.9	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	85.2	86.7	87.1	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 3500	85.7	87.1	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 3000	86.3	88.1	88.6	88.8	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 2500	86.8	88.9	89.3	89.6	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 2000	87.2	89.7	90.1	90.3	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1800	87.2	89.7	90.1	90.3	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1500	88.2	91.3	91.4	91.7	92.0	92.2	92.3	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1200	88.3	91.8	92.3	92.7	93.0	93.4	93.7	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.1
≥ 1000	88.4	92.1	93.0	93.6	93.9	94.3	94.6	94.6	94.6	94.8	94.8	94.8	95.0	95.0	95.0	95.0
≥ 900	88.4	92.2	93.1	93.7	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.4	95.4
≥ 800	88.4	92.4	93.3	93.9	94.4	95.0	95.3	95.4	95.4	95.7	95.9	95.9	96.1	96.1	96.1	96.1
≥ 700	88.4	92.4	93.4	94.0	94.6	95.2	95.6	95.7	95.7	95.9	96.2	96.2	96.4	96.4	96.4	96.4
≥ 600	88.4	92.4	93.4	94.0	94.9	95.6	95.9	96.0	96.0	96.2	96.5	96.6	96.8	96.8	96.8	96.8
≥ 500	88.4	92.7	93.7	94.2	95.6	96.2	96.7	96.8	96.8	97.2	97.6	97.6	97.8	97.8	97.8	97.8
≥ 400	88.4	92.8	93.8	94.4	95.9	96.6	97.0	97.1	97.1	97.6	97.9	97.9	98.1	98.1	98.2	98.2
≥ 300	88.4	92.8	93.8	94.4	95.9	96.6	97.0	97.2	97.2	98.0	98.3	98.3	99.3	99.4	99.6	99.6
≥ 200	88.4	92.8	93.8	94.4	95.9	96.6	97.0	97.2	97.3	98.3	98.8	98.8	99.8	99.9	100.0	100.0
≥ 100	88.4	92.8	93.8	94.4	95.9	96.6	97.0	97.2	97.3	98.3	98.8	98.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANG CO

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1833-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ .00
NO CEILING	51.6	62.7	62.8	62.9	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	72.6	72.1	72.3	72.4	72.9	73.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	70.9	72.4	72.7	72.8	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 16000	71.2	72.8	73.1	73.1	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	73.2	74.9	75.1	75.2	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	75.1	76.8	77.3	77.1	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	78.7	79.8	80.3	80.4	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	78.8	80.6	81.1	81.2	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	80.0	81.8	82.3	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	80.1	81.9	82.4	82.6	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	81.1	82.9	83.4	83.6	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	81.3	83.1	83.7	83.8	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	81.6	83.3	83.9	84.0	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	82.8	85.1	85.7	85.8	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	83.2	85.7	86.2	86.3	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	83.7	86.7	87.2	87.3	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	84.2	87.6	88.3	88.4	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	84.6	88.0	88.9	89.0	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	84.6	88.0	88.9	89.0	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1600	85.1	88.7	89.6	89.7	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8
≥ 1400	85.1	88.7	89.6	89.7	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9
≥ 1200	85.1	88.9	90.7	90.2	91.2	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	85.1	89.3	90.4	90.7	91.7	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	85.1	89.6	90.7	90.9	91.9	92.2	92.3	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 800	85.1	89.7	90.8	91.1	92.1	92.4	92.7	93.0	93.0	93.0	93.0	93.4	93.4	93.6	93.6	93.6
≥ 700	85.1	89.8	90.9	91.3	92.3	92.7	92.9	93.2	93.2	93.2	93.2	93.7	93.7	93.8	93.8	93.8
≥ 600	85.1	89.9	91.1	91.6	92.9	93.2	93.4	93.9	93.9	93.9	93.9	94.7	94.7	94.9	94.9	94.9
≥ 500	85.1	89.9	91.0	91.6	93.1	93.6	93.9	94.3	94.3	94.3	94.3	95.1	95.1	95.3	95.3	95.3
≥ 400	85.1	89.9	91.3	92.0	93.7	94.3	94.9	95.8	95.8	95.8	95.8	96.8	96.9	97.4	97.4	97.4
≥ 300	85.1	89.9	91.3	92.0	93.7	94.4	95.3	96.2	96.2	96.2	96.2	97.4	97.7	98.3	98.3	98.4
≥ 200	85.1	89.9	91.3	92.0	93.7	94.4	95.4	96.3	96.3	96.3	96.3	97.8	98.0	98.7	98.7	99.1
≥ 100	85.1	89.9	91.3	92.0	93.7	94.4	95.4	96.3	96.3	96.3	96.3	97.8	98.0	98.7	98.7	99.3

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 BUCKLEY AFB CO
STATION

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2122-2322

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
12000	65.4	67.0	67.2	67.3	67.8	67.8	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
10000	72.3	73.8	74.0	74.1	74.8	74.8	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
8000	72.3	73.8	74.0	74.1	74.8	74.8	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
6000	72.6	74.0	74.2	74.3	75.0	75.0	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
4000	73.3	74.9	75.1	75.2	75.9	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
3000	75.3	77.0	77.2	77.3	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4
2000	77.4	79.1	79.4	79.6	80.2	80.2	80.2	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7
1800	77.9	79.5	79.9	80.0	80.7	80.7	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
1600	78.6	80.2	80.6	80.7	81.3	81.3	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8
1400	78.6	80.2	80.6	80.7	81.3	81.3	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8
1200	80.2	82.1	82.6	82.7	83.3	83.3	83.3	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8
1000	81.0	82.9	83.4	83.6	84.2	84.2	84.2	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7
900	81.2	83.1	83.7	83.8	84.4	84.4	84.4	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
800	81.8	84.1	84.7	84.8	85.4	85.4	85.4	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
700	82.2	84.6	85.1	85.2	85.9	85.9	85.9	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
600	82.7	85.4	86.0	86.1	86.8	86.8	86.8	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
500	82.7	85.8	86.3	86.4	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6
400	83.0	86.4	87.1	87.3	88.0	88.0	88.0	88.3	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.6
300	83.2	86.8	87.4	87.7	88.3	88.3	88.3	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
200	83.7	87.2	87.9	88.3	89.0	89.0	89.0	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
100	83.8	87.4	88.1	88.7	89.4	89.4	89.4	89.6	89.6	90.0	90.0	90.1	90.1	90.2	90.2	90.2
0	83.9	87.4	88.4	89.3	90.1	90.1	90.1	90.3	90.3	90.8	90.8	90.9	90.9	91.0	91.0	91.0
90	83.8	87.7	88.8	89.7	90.4	90.4	90.4	90.7	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4
80	83.8	87.7	89.0	90.0	90.8	90.8	90.8	91.1	91.9	92.0	92.2	92.3	92.3	92.4	92.4	92.4
70	83.8	88.0	89.4	90.4	91.2	91.2	91.2	91.6	92.3	92.4	92.7	92.8	92.8	92.9	93.0	93.0
60	83.8	88.1	89.6	90.6	91.4	91.4	91.4	91.9	92.7	92.8	93.0	93.1	93.1	93.2	93.3	93.3
50	83.8	88.1	89.6	90.8	91.8	91.8	91.8	92.2	93.0	93.1	93.4	94.0	94.0	94.1	94.2	94.3
40	83.8	88.2	89.7	91.1	92.1	92.1	92.1	92.6	93.3	93.4	93.8	94.3	94.3	94.4	94.6	94.7
30	83.8	88.4	90.0	91.6	92.7	92.7	92.7	93.4	94.6	94.7	95.1	96.0	96.1	96.8	96.9	97.0
20	83.8	88.4	90.1	91.7	92.9	93.0	93.0	94.1	95.2	95.4	96.4	97.4	97.9	98.7	98.8	99.2
10	83.8	88.4	90.1	91.7	92.9	93.0	93.0	94.3	95.4	95.7	96.7	97.8	98.2	99.2	99.3	99.8
0	83.8	88.4	90.1	91.7	92.9	93.0	93.0	94.3	95.4	95.7	96.7	97.8	98.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
AFETAC
A1: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	64.5	65.3	65.4	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 20000	74.0	75.0	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9
≥ 18000	74.1	75.2	75.3	75.5	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0
≥ 16000	74.5	75.5	75.8	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 14000	76.3	77.4	77.6	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3
≥ 12000	78.3	79.5	79.7	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 10000	80.8	82.0	82.3	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0	83.0
≥ 9000	81.0	82.3	82.6	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 8000	81.6	82.9	83.3	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	84.0
≥ 7000	81.7	83.0	83.3	83.6	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.1
≥ 6000	82.5	83.8	84.2	84.4	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9
≥ 5000	83.1	84.5	84.9	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.6
≥ 4500	83.2	84.6	85.1	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.8
≥ 4000	83.8	85.4	85.9	86.1	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.7
≥ 3500	84.1	85.7	86.2	86.4	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.1
≥ 3000	84.6	86.5	87.0	87.2	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.9
≥ 2500	84.9	87.0	87.5	87.7	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.5
≥ 2000	85.2	87.5	88.1	88.3	88.7	88.8	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.1	89.1	89.2
≥ 1800	85.3	87.7	88.3	88.5	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.4
≥ 1600	85.7	88.2	88.9	89.2	89.6	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.2
≥ 1400	85.9	88.7	89.5	90.0	90.4	90.5	90.7	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.1
≥ 1200	86.0	89.0	90.0	90.5	91.0	91.2	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.7	91.8
≥ 1000	86.1	89.3	90.4	90.9	91.4	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.3
≥ 900	86.1	89.4	90.5	91.1	91.6	91.8	92.0	92.3	92.3	92.4	92.4	92.5	92.6	92.7	92.7	92.8
≥ 800	86.2	89.7	90.9	91.5	92.0	92.2	92.5	92.7	92.8	92.9	93.0	93.1	93.2	93.2	93.3	93.4
≥ 700	86.2	89.8	91.0	91.7	92.3	92.5	92.8	93.0	93.1	93.2	93.4	93.5	93.6	93.6	93.7	93.8
≥ 600	86.2	90.0	91.3	92.0	92.8	93.1	93.5	93.8	93.9	94.2	94.5	94.6	94.8	94.8	94.9	95.0
≥ 500	86.3	90.2	91.5	92.5	93.4	93.7	94.1	94.5	94.7	95.0	95.4	95.6	95.9	95.9	96.0	96.1
≥ 400	86.3	90.3	91.8	92.7	93.8	94.2	94.7	95.2	95.4	95.8	96.4	96.6	97.3	97.3	97.5	97.6
≥ 300	86.3	90.3	91.9	92.8	94.0	94.4	95.0	95.6	95.8	96.4	97.2	97.5	98.3	98.5	98.7	98.9
≥ 200	86.3	90.3	91.9	92.8	94.0	94.4	95.1	95.7	95.9	96.5	97.4	97.7	98.7	98.8	99.1	99.5
≥ 100	86.3	90.3	91.9	92.8	94.0	94.4	95.1	95.7	95.9	96.5	97.4	97.7	98.7	98.9	99.3	100.0
≥ 0	86.3	90.3	91.9	92.8	94.0	94.4	95.1	95.7	95.9	96.5	97.4	97.7	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7222

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	20
NO	66.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
20000	74.1	75.5	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
20000	74.8	76.2	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
20000	75.2	76.6	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
20000	76.6	78.0	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
20000	79.2	80.7	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
20000	81.4	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
20000	82.1	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
20000	82.8	84.3	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
20000	82.9	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
20000	83.3	85.0	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
20000	84.3	85.9	86.1	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
20000	84.3	85.9	86.1	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
20000	84.7	86.9	87.3	87.3	87.4	87.4	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
20000	85.3	87.8	87.8	87.8	87.9	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
20000	85.5	88.0	88.4	88.4	88.5	88.5	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
20000	85.6	88.2	88.7	88.7	88.9	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
20000	86.3	89.0	89.6	89.7	89.8	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
20000	86.5	89.4	90.0	90.2	90.3	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
20000	87.3	89.9	90.6	90.7	90.9	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
20000	87.2	90.2	90.9	91.0	91.2	91.3	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
20000	87.2	90.3	91.0	91.1	91.3	91.5	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
20000	87.6	90.7	91.6	91.7	91.9	92.0	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
20000	87.9	91.1	92.0	92.1	92.3	92.4	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
20000	88.1	91.5	92.3	92.5	92.9	93.0	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
20000	88.2	91.6	92.6	92.9	93.2	93.3	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
20000	88.5	92.0	93.2	93.5	93.8	93.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
20000	88.9	92.3	93.7	94.0	94.7	94.8	95.9	96.0	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6
20000	88.9	92.4	94.0	94.4	95.0	95.1	96.2	96.9	97.1	97.1	97.5	97.5	97.9	97.9	98.3	98.3
20000	88.9	92.4	94.0	94.4	95.0	95.1	96.2	97.0	97.2	97.4	98.1	98.1	98.9	98.9	99.2	99.2
20000	88.9	92.4	94.0	94.4	95.0	95.1	96.2	97.0	97.2	97.5	98.2	98.2	99.2	99.4	99.8	99.9
20000	88.9	92.4	94.0	94.4	95.0	95.1	96.2	97.0	97.2	97.5	98.2	98.2	99.2	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 924

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 JACKLEY ANGB CO

73-82

75C

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0337-0533

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. REPORTING 20000	66.2	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2 18000	75.6	76.9	76.9	76.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
2 16000	76.0	77.3	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
2 14000	76.1	77.4	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2 12000	77.2	78.5	78.5	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
2 10000	79.1	80.4	80.4	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
2 9000	82.0	83.3	83.3	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
2 8000	82.6	83.9	83.9	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
2 7000	83.8	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2 6000	83.8	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2 5000	84.3	85.6	85.6	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2 4500	85.3	86.6	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
2 4000	85.3	86.6	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
2 3500	85.9	87.2	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
2 3000	86.4	87.7	87.7	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
2 2500	86.6	87.9	87.9	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
2 2000	86.6	87.9	87.9	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
2 1800	86.8	88.1	88.1	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
2 1600	87.0	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
2 1400	87.1	88.4	88.4	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
2 1200	87.8	89.1	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2 1000	87.8	89.1	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2 900	88.2	89.5	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2 800	88.2	89.5	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2 700	88.5	89.8	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2 600	88.5	89.8	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2 500	88.6	89.9	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
2 400	88.6	89.9	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
2 300	88.9	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2 200	88.9	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2 100	88.9	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2 0	88.9	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

73-82

DEC

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	63.3	63.7	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	73.2	73.6	73.6	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	73.9	74.4	74.4	74.5	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	73.9	74.4	74.4	74.5	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 14000	75.3	75.4	75.4	75.5	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	76.1	76.7	76.8	76.9	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	82.0	82.6	82.7	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	82.0	82.6	82.7	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	83.2	83.8	83.9	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	83.2	83.8	83.9	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	83.8	84.4	84.5	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	84.5	85.3	85.4	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	84.7	85.5	85.6	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	85.4	86.3	86.8	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	85.8	87.0	87.6	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	86.0	87.6	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	86.5	88.2	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	86.5	88.5	89.4	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	86.5	88.5	89.4	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	86.5	88.5	89.4	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	86.7	88.9	89.7	89.8	90.0	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	86.9	89.3	90.2	90.3	90.5	90.6	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2
≥ 900	87.0	89.7	90.7	90.8	91.1	91.2	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1
≥ 800	87.1	89.9	90.9	91.0	91.3	91.5	91.9	92.1	92.1	92.2	92.3	92.3	92.3	92.4	92.5	92.5
≥ 700	87.2	90.4	91.3	91.7	92.0	92.1	92.5	92.7	92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.2
≥ 600	87.3	90.6	91.6	91.9	92.2	92.3	93.0	93.2	93.2	93.4	93.5	93.5	93.6	93.7	93.7	93.7
≥ 500	87.4	90.8	92.1	92.5	92.9	93.0	93.6	93.8	93.9	94.2	94.4	94.4	94.4	94.8	95.1	95.1
≥ 400	87.6	90.9	92.2	93.0	93.5	93.7	94.5	94.7	94.8	95.0	95.5	95.5	95.5	96.2	96.2	96.3
≥ 300	87.6	90.9	92.3	93.1	93.7	93.9	94.8	95.2	95.3	95.7	96.1	96.1	96.5	97.2	97.4	97.5
≥ 200	87.6	91.0	92.4	93.2	93.8	94.3	95.3	95.9	96.1	96.4	97.2	97.2	97.6	98.4	98.6	99.0
≥ 100	87.6	91.1	92.5	93.3	94.0	94.5	95.6	96.1	96.3	96.6	97.5	97.5	98.1	98.8	99.1	99.8
≥ 50	87.6	91.1	92.5	93.3	94.0	94.5	95.6	96.1	96.3	96.6	97.5	97.5	98.1	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANG3 CO

73-62

255

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0907-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
20000	51.7	62.1	62.4	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
18000	74.7	74.7	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
16000	74.5	75.1	75.4	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
14000	74.6	75.2	75.5	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
12000	77.7	78.4	79.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
10000	81.7	81.8	82.1	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
9000	83.7	84.5	84.8	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
8000	83.8	84.6	85.1	85.3	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
7000	84.9	85.5	85.8	86.1	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
6000	85.2	86.2	86.4	86.7	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000	85.7	86.6	86.9	87.2	87.3	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4500	86.1	87.2	87.4	87.9	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
4000	86.1	87.2	87.6	87.9	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
3500	87.1	88.4	88.7	89.2	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3000	87.1	88.7	89.1	89.5	89.7	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2500	87.1	88.7	89.2	89.6	89.8	90.0	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
2000	87.1	89.2	89.5	89.9	90.3	90.5	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1800	87.2	89.1	89.6	90.3	90.6	90.8	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1600	87.2	89.1	89.6	90.3	90.6	90.8	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1400	87.4	89.3	89.9	90.6	90.9	91.1	91.7	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1200	87.4	89.3	89.9	90.7	91.0	91.2	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
1000	87.6	89.4	90.2	90.9	91.2	91.6	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
900	87.6	89.4	90.3	91.2	91.7	92.1	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
800	87.9	89.7	90.7	91.6	92.0	92.4	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
700	88.1	90.0	91.0	92.0	92.5	93.2	94.2	94.7	94.7	95.0	95.1	95.1	95.2	95.2	95.2	95.2
600	88.1	90.0	91.0	92.0	92.5	93.3	94.3	94.8	94.8	95.2	95.3	95.3	95.5	95.5	95.5	95.5
500	88.1	90.0	91.1	92.0	92.6	93.4	94.5	95.0	95.0	95.5	96.2	96.3	96.4	96.4	96.4	96.4
400	88.2	90.2	91.1	92.1	92.9	93.8	95.0	95.6	95.6	96.1	97.0	97.1	97.4	97.5	97.5	97.5
300	88.2	90.2	91.1	92.1	93.0	93.9	95.2	95.9	96.0	96.6	97.5	97.6	98.4	98.5	98.5	98.5
200	88.2	90.2	91.1	92.1	93.0	93.9	95.2	95.9	96.0	96.8	97.7	97.8	99.0	99.1	99.2	99.2
100	88.2	90.2	91.1	92.1	93.0	93.9	95.2	95.9	96.0	96.8	97.7	97.8	99.0	99.1	99.2	99.2
0	88.2	90.2	91.1	92.1	93.0	93.9	95.2	95.9	96.0	96.8	97.7	97.8	99.0	99.1	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1222-1422

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	62.1	62.2	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 2000	76.9	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800	77.8	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1600	78.2	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1400	80.2	80.7	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	83.1	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1000	85.4	85.9	86.1	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 900	85.8	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 800	87.0	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	87.2	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 600	87.2	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 500	87.3	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 450	87.3	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 400	88.3	89.0	89.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 350	88.3	89.3	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 300	88.5	89.5	89.8	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 250	88.5	89.5	90.0	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 200	88.6	89.8	90.4	90.8	91.2	91.5	91.5	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7
≥ 180	88.6	89.8	90.4	90.8	91.2	91.5	91.5	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7
≥ 150	88.7	90.0	90.6	91.0	91.5	91.7	91.9	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 100	88.7	90.4	91.0	91.5	92.1	92.3	92.6	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 80	88.9	90.6	91.2	91.8	92.4	92.6	93.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 60	89.0	91.0	91.7	92.4	93.2	93.4	93.9	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5
≥ 40	89.0	91.2	92.0	92.7	93.7	93.9	94.7	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 20	89.1	91.3	92.2	93.0	93.9	94.4	95.1	95.3	95.3	95.5	95.8	95.8	95.9	95.9	95.9	95.9
≥ 10	89.4	91.8	92.6	93.4	94.4	94.8	95.6	95.8	95.8	96.0	96.3	96.3	96.4	96.4	96.4	96.4
≥ 500	89.4	92.1	93.2	93.9	94.9	95.5	96.3	96.5	96.5	96.9	97.3	97.3	97.5	97.5	97.5	97.5
≥ 400	89.4	92.1	93.2	93.9	94.9	95.6	96.4	96.6	96.6	97.0	97.4	97.4	97.6	97.6	97.6	97.6
≥ 300	89.4	92.1	93.2	93.9	95.1	95.9	96.8	97.2	97.2	97.5	97.9	97.9	98.3	98.3	98.3	98.3
≥ 200	89.4	92.1	93.2	93.9	95.1	95.9	96.8	97.2	97.2	97.5	97.9	97.9	98.6	98.8	98.8	98.9
≥ 100	89.4	92.1	93.2	93.9	95.1	95.9	96.8	97.2	97.2	97.5	97.9	97.9	98.6	98.8	99.4	99.9
≥ 50	89.4	92.1	93.2	93.9	95.1	95.9	96.8	97.2	97.2	97.5	97.9	97.9	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695
STATION

BUCKLEY ANG CO

STATION NAME

73-82

YEARS

255

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01
NO CEILING	62.1	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	72.6	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	72.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	74.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	76.2	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	79.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	83.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	84.3	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	84.5	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	84.7	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 5000	85.4	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	85.5	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	86.4	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	86.4	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	86.7	88.1	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	86.9	88.4	89.0	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	87.0	88.9	89.5	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	87.1	89.1	89.7	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1600	87.3	89.4	90.2	90.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1400	87.7	90.2	90.9	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	88.2	90.9	91.7	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	88.3	91.6	92.5	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	88.3	92.3	93.3	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	88.4	92.4	93.4	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	88.5	92.5	93.5	94.3	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	88.5	92.5	93.5	94.3	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	88.5	92.5	93.5	94.3	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	88.6	92.7	93.7	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300	88.6	92.7	93.7	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 200	88.6	92.7	93.7	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 100	88.6	92.7	93.7	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS 924

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595 BUCKLEY ANG3 CO

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1977-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	≥5	24	23	22	21	20	19	18	17	16	15	14	13	12
≥10000	64.1	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
9000	73.8	74.9	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
8000	73.8	74.9	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
7000	74.6	75.6	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
6000	75.5	76.8	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
5000	77.8	78.9	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
4000	80.5	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
3000	81.6	82.7	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
2000	83.1	84.3	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
1500	83.5	84.7	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
1000	84.1	85.4	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
500	84.5	85.8	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
400	84.5	85.8	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
300	85.7	87.2	87.6	87.7	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
200	85.9	87.7	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
100	86.3	88.0	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
50	86.5	88.3	88.6	88.7	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
25	86.9	89.1	89.4	89.7	89.7	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
10	87.1	89.3	89.6	89.9	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3
5	87.4	89.7	90.4	90.7	90.7	90.8	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3
2	87.4	89.8	90.5	90.9	90.9	91.0	91.2	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.5
1	87.8	90.2	90.8	91.3	91.5	91.6	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
0.5	88.0	90.4	91.3	92.0	92.1	92.2	92.5	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9
0.25	88.3	91.0	92.1	92.7	92.9	93.0	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
0.1	88.4	91.1	92.2	93.0	93.1	93.2	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
0.05	88.5	91.2	92.5	93.4	93.5	93.6	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
0.025	88.5	91.7	93.1	94.0	94.2	94.3	94.7	95.0	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8
0.01	88.6	91.9	93.3	94.3	94.6	94.8	95.2	95.9	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8
0.005	88.6	92.0	93.5	94.5	94.9	95.1	95.7	96.3	96.8	97.4	97.8	97.8	97.9	98.2	98.4	98.4
0.0025	88.6	92.0	93.5	94.5	94.9	95.1	95.9	96.6	97.1	97.8	98.4	98.4	98.8	99.0	99.2	99.2
0.001	88.6	92.0	93.5	94.5	94.9	95.1	95.9	96.6	97.1	97.8	98.4	98.4	98.8	99.0	99.2	99.9
0.0005	88.6	92.0	93.5	94.5	94.9	95.1	95.9	96.6	97.1	97.8	98.4	98.4	98.8	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 924

JOINT MILITARY CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724695 BUCKLEY ANGB CO

73-82

250

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2122-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
AND CEILING ≥ 20000	67.4	66.1	69.1	68.1	62.1	68.1	68.1	68.1	69.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	76.6	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	76.7	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	77.3	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 12000	73.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	61.1	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 8000	62.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	62.7	63.7	63.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4000	63.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2000	63.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1000	64.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 500	65.1	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4500	65.2	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4000	65.4	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	65.8	67.1	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3000	66.1	67.4	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2500	66.5	67.8	68.2	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 2000	67.2	68.6	69.2	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1500	67.8	69.2	69.7	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 1000	68.1	69.6	70.2	70.9	71.0	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 500	68.1	69.6	70.2	71.0	71.3	71.6	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	68.2	69.7	70.4	71.2	71.8	72.0	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	68.4	69.9	70.6	71.7	72.2	72.4	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3500	68.6	70.2	70.8	71.9	72.5	72.7	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	69.0	70.6	71.5	72.5	73.2	73.4	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	69.4	71.1	72.3	73.4	74.0	74.3	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2000	69.4	71.1	72.4	73.5	74.4	74.7	75.2	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1500	69.6	71.3	72.6	73.7	74.9	75.2	75.8	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1000	69.6	71.3	72.6	73.9	75.1	75.6	76.1	76.8	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3
≥ 500	69.6	71.3	72.6	73.9	75.1	75.6	76.1	76.8	76.8	77.2	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	69.6	71.3	72.6	73.9	75.1	75.6	76.1	76.8	76.8	77.3	77.8	77.9	78.6	79.0	79.6	79.6
≥ 4000	69.6	71.3	72.6	73.9	75.1	75.6	76.1	76.8	76.8	77.3	77.8	77.9	78.6	79.0	79.6	79.6

TOTAL NUMBER OF OBSERVATIONS 924

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724595

BUCKLEY ANGB CO

73-82

DEC

STATION

STATION NAME

YEAR

ALL
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	54.2	54.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	74.6	75.4	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	75.1	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	75.5	76.3	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	77.1	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	79.9	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	82.6	83.5	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	83.0	83.9	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	84.0	85.0	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	84.2	85.2	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	84.7	85.7	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	85.3	86.4	86.6	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	85.4	86.5	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	86.1	87.4	87.7	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	86.3	87.8	88.1	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	86.6	88.3	88.6	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	86.8	88.6	89.1	89.3	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	87.1	89.1	89.6	90.0	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	87.2	89.3	89.9	90.2	90.4	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1600	87.5	89.7	90.3	90.7	90.9	91.0	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1400	87.7	89.9	90.5	91.0	91.3	91.4	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	87.9	90.2	90.9	91.4	91.7	91.8	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	88.1	90.5	91.3	91.9	92.3	92.4	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	88.2	90.9	91.7	92.3	92.7	92.9	93.4	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8
≥ 800	88.4	91.1	92.0	92.7	93.1	93.3	93.9	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 700	88.5	91.3	92.3	93.0	93.5	93.7	94.3	94.7	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.1
≥ 600	88.6	91.5	92.7	93.4	93.9	94.2	94.9	95.2	95.3	95.5	95.8	95.9	96.0	96.0	96.1	96.1
≥ 500	88.7	91.7	92.9	93.7	94.4	94.7	95.4	95.8	96.0	96.3	96.7	96.7	96.8	96.9	97.0	97.0
≥ 400	88.7	91.7	92.9	93.8	94.6	95.0	95.9	96.5	96.7	97.2	97.9	98.0	98.6	98.9	99.1	99.2
≥ 300	88.7	91.7	93.0	93.8	94.6	95.1	95.9	96.5	96.7	97.3	98.0	98.1	98.8	99.1	99.4	99.8
≥ 200	88.7	91.7	93.0	93.8	94.6	95.1	95.9	96.5	96.7	97.3	98.0	98.1	98.8	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

7392

USAF ETAC

FORM 84

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

74-93

JAN

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	34.2			29.0						15.7	22.1	4.5	926
	03-05	34.1			26.3						16.4	23.3	4.6	928
	06-08	17.6			35.6						24.6	22.3	5.5	928
	09-11	11.6			32.5						30.3	25.5	6.3	928
	12-14	8.2			34.4						31.8	25.6	6.5	928
	15-17	5.5			33.0						31.1	30.4	6.8	930
	18-20	15.4			31.7						26.8	26.1	6.0	930
	21-23	23.4			33.8						17.0	25.8	5.1	930
TOTALS		18.8			31.9						24.2	25.1	5.7	7424

SKY COVER

74-83

FEB
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	33.0			28.7						13.2	25.1	4.6	846
	03-05	31.6			29.4						16.5	22.5	4.6	844
	06-08	14.2			36.8						23.2	25.8	5.8	845
	09-11	10.1			36.1						27.6	26.2	6.2	842
	12-14	8.2			36.2						30.9	24.8	6.3	846
	15-17	6.4			34.8						33.8	25.0	6.6	845
	18-20	13.6			39.7						24.5	22.2	5.6	846
	21-23	27.1			33.5						16.7	22.8	4.8	846
TOTALS		19.0			34.8						23.3	24.3	5.6	674

SKY COVER

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

74-63

PERIOD

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	29.7			32.1						16.7	21.5	4.6	899
	03-05	29.3			33.2						14.6	22.9	4.6	898
	06-08	15.5			38.8						21.8	23.9	5.5	898
	09-11	10.1			41.4						25.1	23.3	5.8	910
	12-14	6.0			33.9						32.2	27.9	5.7	910
	15-17	4.2			27.3						35.7	32.8	7.3	910
	18-20	7.4			34.6						27.9	30.1	6.6	910
	21-23	23.7			34.7						18.9	22.7	5.0	899
TOTALS		15.7			34.5						24.1	25.6	5.8	7194

SKY COVER

74-13

MAY
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	24.0			3.6						18.2	27.2	5.3	930
	03-05	16.0			36.4						20.8	26.8	5.6	929
	06-08	10.5			34.3						25.6	29.5	6.3	929
	09-11	7.5			38.7						27.5	26.2	6.3	930
	12-14	3.7			30.2						37.6	28.5	7.1	932
	15-17	2.0			24.7						41.7	31.6	7.7	929
	18-20	2.8			29.4						36.5	31.3	7.3	927
	21-23	15.4			35.0						23.4	26.2	5.8	927
TOTALS		10.2			32.4						28.8	28.4	6.8	7833

SKY COVER

PER-00

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JULY	00-02	37.2			33.0						16.1	13.7	3.8	970
	03-05	25.8			31.9						22.2	12.1	4.4	970
	06-08	22.9			39.2						22.4	15.4	4.7	970
	09-11	15.4			5 .3						19.9	14.3	4.7	970
	12-14	5.4			51.8						28.1	14.7	5.6	970
	15-17	2.2			35.6						38.9	27.8	6.7	970
	18-20	4.0			37.2						38.3	20.4	6.6	970
	21-23	20.0			39.2						25.6	15.2	5.0	970
TOTALS		16.6			41.2						26.8	15.8	5.2	2220

SKY COVER

BUCKLEY ANGB CO

73-82

Month	Number of Fish Caught
January	20
February	25
March	30
April	40
May	60
June	80
July	90
August	85
September	60
October	40
November	25
December	20

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	27.8			41.5						21.2	9.5	4.1	930
	03-05	22.9			50.9						17.1	9.1	4.0	930
	06-08	17.4			51.6						20.2	10.8	4.4	930
	09-11	8.8			63.1						20.3	7.7	4.5	930
	12-14	2.5			55.7						34.3	7.5	5.5	930
	15-17	1.6			31.9						49.4	17.1	7.1	930
	18-20	1.9			32.8						42.3	23.0	7.1	930
	21-23	11.9			43.7						29.9	14.5	5.5	930
TOTALS		11.9			46.4						29.3	12.4	5.3	7880

SERIAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SKY COVER

724595 DUCKLEY ANGB CO
STATION

73-82

PERIOD

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	01-02	27.5			40.6						22.3	9.6	4.2	930
	03-05	27.1			43.7						19.4	9.9	4.0	930
	06-08	16.9			45.7						23.7	14.4	4.9	929
	09-11	11.7			51.9						23.1	13.2	5.0	930
	12-14	4.1			51.8						31.2	12.9	5.7	930
	15-17	2.2			34.3						45.7	18.0	6.9	930
	18-20	3.1			36.9						43.0	17.0	6.7	930
	21-23	17.2			44.5						24.2	12.3	4.9	930
TOTALS		13.7			43.6						29.3	13.8	5.3	7439

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

124 95
STATION

SUCKLEY INGB CO

73-92

S E P
1954

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF NOTES	
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	39.1			29.4						14.4	17.2	3.9	922
	03-05	38.7			3.7						13.9	16.5	3.8	922
	06-08	21.5			47.9						20.5	17.1	4.9	899
	09-11	17.6			45.3						21.1	16.7	4.9	922
	12-14	10.8			50.3						23.4	15.4	5.2	922
	15-17	8.6			43.7						31.2	16.8	5.8	922
	18-20	13.1			39.1						29.4	18.3	5.7	922
	21-23	27.7			35.4						20.9	16.2	4.5	922
TOTALS		22.1			39.4						21.8	16.7	4.8	7153

SKY COVER

DEC
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
6-7	00-02	47.3			22.3						13.2	17.4	3.6	930
	03-05	46.2			24.7						12.9	16.1	3.5	930
	06-08	22.5			36.3						23.3	17.8	5.0	930
	09-11	20.8			36.5						24.1	18.7	5.1	930
	12-14	16.5			42.3						23.9	17.4	5.2	930
	15-17	12.3			44.3						26.2	17.2	5.4	930
	18-20	27.3			34.4						19.5	18.8	4.7	930
	21-23	38.8			28.7						14.1	18.4	4.0	930
TOTALS		22.0			33.7						19.6	17.7	4.6	7480

SKY COVER

724595
STATION

BUCKLEY ANGB CO

73-B2

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	37.2			26.6						14.7	21.6	4.3	899
	03-05	39.5			24.2						13.2	23.0	4.2	899
	06-08	19.2			35.2						23.7	21.8	5.4	894
	09-11	13.6			34.4						29.2	22.8	5.9	896
	12-14	12.2			34.7						26.0	25.0	6.1	899
	15-17	12.2			34.6						28.4	24.8	6.1	920
	18-20	24.5			29.6						19.4	26.6	5.3	899
	21-23	33.6			26.8						16.4	23.1	4.6	897
TOTALS		24.0			30.8						21.6	23.5	5.2	7183

SKY COVER

כ"ה

MONTE

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
DEC	0-02	30.6			29.3						17.2	23.0	4.7	923
	04-05	32.3			26.8						17.7	23.3	4.7	923
	06-08	17.1			31.0						24.4	23.6	5.6	924
	09-11	9.6			37.2						29.7	23.5	6.1	924
	12-14	6.5			36.7						30.1	24.7	6.3	924
	15-17	9.1			35.5						28.7	26.7	5.3	924
	18-20	21.0			30.6						21.9	26.5	5.5	924
	21-23	29.9			29.2						16.2	24.7	4.8	924
TOTALS		19.8			32.5						23.2	24.5	5.5	7394

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

724695 STATION SUCKLEY ANGB CO 73-83 PERIOD ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN.	ALL	18.8			31.9						24.2	25.1	5.7	7428
FEB		18.7			34.4						23.3	24.3	5.6	6760
MAR		13.5			31.6						24.7	31.7	5.2	7434
APR		15.7			34.5						24.1	25.6	5.8	7194
MAY		10.2			32.4						25.9	28.4	6.4	7431
JUN		16.6			41.2						26.4	15.8	5.2	7270
JUL		11.9			46.4						29.3	12.4	5.3	7440
AUG		13.7			43.6						29.3	13.4	5.3	7439
SEP		22.1			39.4						21.8	16.7	4.8	7199
OCT		29.0			33.7						19.6	17.7	4.6	7440
NOV		24.0			30.8						21.6	23.6	5.2	7183
DEC		19.8			32.5						23.2	24.5	5.5	7390
TOTALS		17.8			36.0						24.6	21.5	5.5	87538

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Divariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 JCKLEY ANG8 CO
STATION STATION NAME

74-63

YEARS

MONTH

PAGE 2 1000-3200
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774895 BUCKLEY ANG3 CO

74-83

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
51							.1	.1										2	2						
49							.1	.1										2	2						
47						.2	.6	.1										3	3						
45					.2	.6	.1											9	9						
43					.2	.6	.1											13	13						
41				.2	.6	.1	.1											9	9						
39				.4	.6	.3	.2											17	17	2					
37			.1	1.1	.2	.6												25	25	5					
35				.3	1.7	1.2	.2	.1										33	33	22					
33		.5	.7	3.4	1.3	.1												33	53	17					
31		.8	2.8	5.4	1.5	.3												100	100	34					
29		1.2	1.9	2.3	.6	.1												55	55	34					
27	.2	2.3	2.4	1.1	.5													61	61	97					
25	.5	2.3	2.6	2.3	.3													74	74	110					
23		1.6	2.6	1.4														52	52	72					
21	.4	2.5	2.7	1.3														61	61	74					
19	.6	3.5	2.8	.3														58	68	91					
17	.1	2.3	2.3															39	39	61					
15	.5	1.8	1.4															36	36	55					
13	.3	2.2	1.0															32	32	36					
11	.6	2.7	.5															36	36	36					
9	.4	2.3																25	25	44					
7		2.4	.1															23	23	23					
5	.5	1.1																15	15	23					
3	.5	1.8	.2															24	24	28					
1	.2	2.9																29	29	17					
-1	1.0	.5																14	14	27					
-3	.3	.6																9	9	12					
-5	.3	.3																6	6	5					
-7	.2																	2	2	4					
-9																				16					
-11	.1																	1	1	1					
-13	.1																	1	1	1					
-15	.1																	1	1	1					
Element (X)	Σ X'		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature											Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
 WAFETAC
 ALL-WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY ANG CO
 STATION STATION NAME

74-83

YEARS

JAN
 MONTH

PAGE 1

0600-0840
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
51									.1									1													1						
49																		2													2						
47						.1	.1	.2										4													4						
45						.1	.1		.1									3													3						
43					.1	.2	.2											8													8						
41					.4	.2	.2	.4										18													18						
39					.1	1.2	.3	.2										17													17		1				
37			.4	.9	1.1	.3	.1											26													26		10				
35		.3	.5	1.5	1.3	.4												46													46		11				
33			.2	2.2	1.4	.3												38													38		22				
31		1.5	1.5	4.7	1.5	.3												50													50		30				
29		1.0	2.3	1.6	.5	.1												53													53		50	9			
27	.1	1.6	2.5	2.2	.5													67													67		74	20			
25		1.7	3.9	2.7	.3													50													80	100	19				
23		1.5	2.7	1.7														49													49		91	18			
21	.4	2.2	3.2	1.2														66													66		96	35			
19	.3	1.4	2.3	.2														52													62		95	84			
17		1.2	1.1	.2														24													24		71	72			
15	1.1	2.4	1.4	.1														45													45		38	78			
13	.1	2.6	1.0															34													34		31	85			
11	.5	2.3	.5															33													33		46	63			
9	.4	2.3	.3															28													28		34	73			
7	.2	2.6	.1															27													27		33	66			
5	.2	1.4	.4															19													19		21	34			
3	.3	1.2	.1															15													15		22	45			
1	.2	2.7																32													32		30	61			
-1	.5	.9																14													14		16	55			
-3	.3	1.2																12													12		14	23			
-5	.2	.2																4													4		9	24			
-7	.2	.2																5													5		4	13			
-9	.4																	4													4		5	11			
-11	.2																	2													2		2	12			
-13	.1																	1													1		1	5			
-15																																			17		
Element (X)	Σ X ²			Σ X			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			
Rel. Hum.																			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

YEARS

MONTA

PAGE 2 3600-0800
HOURS (L. S. T.)

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

CLIMATE CLIMATOLOGY BRANCH
 11/15/74
 AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724495	DUCKLEY ANGUS CO
STATION	STATION NAME

74-83

YEARS

JAN
MONTH

PAGE 1

1900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
- / 64									.1									1	1					
- / 57									.1		.1							2	2					
5 / 55									.2	.3								5	5					
4 / 50									.1									4	4					
- / 51								.1	.4	.5	.4							14	14					
- / 46						.2	.3	.6	.3	.1								15	15					
6 / 47					.2	.3	.6	.7	.4									17	17					
4 / 41					.5	1.5	.5	.6	.2									34	34	1				
4 / 43				.1	1.4	2.3	1.1	.4										53	53					
1 / 41			.1	.5	1.4	1.2	.6	.3										42	42	3				
10 / 38			.3	.9	2.2	2.0	.8	.1										57	57	13				
2 / 37			.4	1.5	2.4	1.4	.2											53	53	32				
- / 35			.5	1.6	2.5	1.3	.1											62	62	60				
3 / 33		.3	.6	3.1	2.3	.6												64	64	73				
1 / 31		1.4	3.	2.5	1.4	.2												79	79	7				
- / 29	.2	.9	2.9	1.6	.4	.1												57	57	12				
- / 27		.9	1.9	1.5	.3													43	43	27				
- / 25		1.5	1.9	1.2	.2													40	40	50				
- / 23		.6	1.4	.6	.1													25	26	34				
2 / 21	.1	1.9	1.9	.2														39	39	92				
- / 19	.1	1.3	1.2	.3														27	27	119				
1 / 17		1.5	1.2	.1														26	27	74				
1 / 15	.2	2.2	.6															29	29	79				
- / 13	.5	1.8	.5															24	24	75				
1 / 11	.1	1.7	.1															25	25	80				
10 /	.1	1.4	.4															18	18	53				
- / 7	.1	1.5	.1															16	15	59				
- / 5		1.3	.1															13	13	36				
- / 3	.1	1.3																13	13	48				
- / 1	.3	1.9																21	21	28				
- / -1	.5	.2																7	7	22				
- / -3	.1	.3																4	4	27				
- / -5																				16				
- / -7	.1																	1	1	16				
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

CLIMAT CLIMATOLOGY BRANCH
CAGLTAC
A LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774695 LUCKLEY ANGUS CO

74-83

483

STATION

STATION NAME

YEARS

MONTH

PAGE 2 2902-1100
HOURS (L. S. T.)

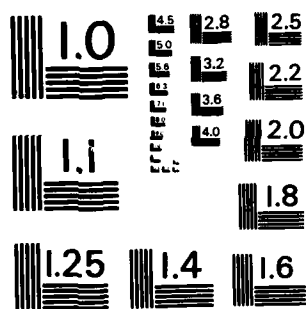
[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

UNCLASSIFIED

BUCKLEY ANGB COLORADO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 19 SEP 83
USAFETAC/DS-83/040 SBI-AD-EB50 423 F/G 4/2

NE



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695 BUCKLEY ANG CO
STATION STATION NAME

74-63

YEARS

JAN
MONTHPAGE 1 1600-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
4 / 53								.1										1		1				
4 / 51							.1	.1	.1									3		3				
4 / 49						.1	.3	.3	.1									8		8				
4 / 47					.2	.1	.6	.5	.2									16		16				
4 / 45					.4	.8	.2	.4										17		17				
4 / 43				.3	1.1	1.3	.6	.6										37		37				
4 / 41				.4	1.1	1.1	.6	.3										33		33				
4 / 39				1.2	2.0	1.2	.4											45		45		5		
4 / 37			.1	1.4	2.6	.6	.2											51		51		17		
4 / 35		.2	1.5	2.2	2.2	.5	.1											62		62		35		
3 / 33		.3	2.2	2.9	1.1	.2												62		62		59		
3 / 31		2.5	2.5	2.5	1.9	.6	.1											89		69		72		
3 / 29	.1	1.7	2.0	1.7	1.2	.2												65		65		138		
3 / 27		2.4	1.5	2.0	.6													61		61		89		
3 / 25	.3	1.9	2.0	1.4	.3													56		56		96		
3 / 23		1.3	1.5	.4														30		30		76		
3 / 21		1.8	2.3	1.4														51		51		59		
3 / 19	.1	1.9	1.9															37		37		42		
3 / 17		1.7	1.4															29		29		57		
3 / 15	.2	1.2	.3															20		20		35		
3 / 13	.1	3.4	.3															26		36		31		
3 / 11	.4	2.8																30		30		38		
3 / 9	.1	1.4																14		14		33		
3 / 7	.3	1.1	.1															14		14		13		
3 / 5		1.1																10		10		12		
3 / 3	.6	1.2	.1															18		18		16		
3 / 1		1.7																16		16		20		
3 / -1	.5	.8																12		12		14		
3 / -3	.1	.2																3		3		5		
3 / -5	.2	.2																4		4		4		
3 / -7																						1		
3 / -9																						10		
3 / -11																						7		
3 / -13																						5		
Element (X)	Z _g	Z _h	Z	Z _s	No. Obs.	Mean No. of Hours with Temperature							Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

YEARS MONTH

724595	BUCKLEY ANGB CO
STATION	STATION NAME

74-23

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point										
1 / 47						.1	.1											2	2											
1 / 47						.1	.4	.2										7	7											
4 / 45					.2	.3	.1											6	6											
4 / 43				.1	.5	.8	.4	.1										19	19											
12 / 41				.1	.5	.3	.4	.2										15	16											
47 / 37			.1	1.1	.5	1.2	.1	.1										31	31	2										
7 / 37			.3	.6	1.5	.5												28	28	9										
7 / 35		.1	1.2	2.3	2.5	.8												54	64	17										
37 / 33		1.1	1.4	3.3	1.8	.1												72	72	29										
27 / 31		1.5	4.2	3.1	1.0	.3												92	92	51										
10 / 27		1.5	3.2	1.4	.4													61	61	81										
27 / 27	.1	2.4	2.0	2.5	.5													70	70	119										
27 / 25	.4	1.7	3.2	1.9														66	66	132										
27 / 23		1.7	1.4	1.0	.1													39	39	57										
27 / 21	.1	3.8	2.7	.9														69	69	98										
7 / 19	.2	2.4	2.9	.1														52	52	59										
7 / 17	.2	1.3	1.4	.2														29	29	53										
7 / 15	.1	2.2	.6															28	28	36										
7 / 13	.5	3.2	.9															43	43	39										
7 / 11	.1	2.0	.3															23	23	38										
7 / 9	.5	1.2	.3															19	19	37										
7 / 7	.1	2.0	.2															22	22	16										
7 / 5	.1	1.1																11	11	22										
7 / 3	.8	1.0																16	16	14										
7 / 1	.2	1.9																20	20	15										
7 / -1	1.1	1.0																19	19	25										
- / -3	.1	.3																4	4	8										
- / -5		.1																1	1	1										
- / -7		.1																1	1	2										
- / -9																														
- / -11																														
- / -13																														
- / -15																														
- / -17																														
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																								
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																		
Dry Bulb																														
Wet Bulb																														
Dew Point																														

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

2

74-83

YEARS

MANUFACTURERS

PAGE 7 2170-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

YEARS

124695
STATION

BUCKLEY ANGB CO

STATION NAME

74-83

JAS

MONTH

PAGE 1

ALL
HOURS (L.S.T.)

[illegible]

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

124695	BUCKLEY ANGB CO
STATION	STATION NAME

74-83

YEARS

FEB
MONTH

PAGE 1 1011-1220
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
4 / 53									.1									1	1					
4 / 51										.1								1	1					
4 / 49							.4	.4	.1									7	7					
4 / 47							.1	.2										4	4					
4 / 45					.1	.9	.7	.2										17	17					
4 / 43					.2	.9	.6	.4										18	18					
2 / 41				.7	.7	1.4	.5											28	28					
40 / 39			.1	.5	1.3	1.3	.2											29	29	1				
2 / 37			.5	1.5	2.5	1.4	.1											52	52	8				
1 / 35		.4	2.6	2.0	3.4	1.1												50	50	21				
3 / 33	.1	.6	.9	2.6	1.9	.1												53	53	46				
2 / 31	.2	1.1	3.0	4.5	2.6													96	96	79				
1 / 29	.4	1.4	3.5	4.7	1.5	.2												94	94	76				
2 / 27	.5	2.2	1.9	1.5	.7													58	58	101				
1 / 25	.2	2.7	1.8	.6	.1													48	48	122				
2 / 23	.1	1.8	1.4	.8														35	35	98				
2 / 21	.5	1.9	1.2	.8														37	37	50				
1 / 19	.1	3.5	1.3	.4														45	45	45				
1 / 17	.4	1.9	1.7															33	33	48				
1 / 15	.4	.9	.6															16	16	77				
1 / 13	.1	2.0	.7	.1														25	25	18				
1 / 11	.2	1.4	.2															16	16	30				
1 / 9	.2	1.3	.2															15	15	16				
1 / 7	.1	1.2																11	11	13				
1 / 5	.2	.2	.2															6	5	12				
1 / 3	.4	.2																5	5	7				
1 / 1		.4																3	3	3				
1 / -1	.1	.1																2	2	3				
1 / -3		.2																2	2	2				
1 / -5	.4	.2																5	5	4				
1 / -7	.1																	1	1	3				
1 / -9																				3				
1 / -11	.2																	2	2	2				
1 / -13	.1																	1	1	1				
Element (X)	Σ X ¹		Σ X		Σ																			

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

74595 HICKLEY ANGE CO

74-63

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

3000-3200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1/-15																								
1/-17																								
1/-19																								
1/-21																								
1/-23																								
TOTAL	1.125	921	920	315	2	7.4	2.7	1.2	0.2	0.1								246	846	846				

Element (X)	ΣX^2	ΣX	Σ	Σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	
Rel. Hum.	3705452	485.8	57.3	7.679	846							
Dry Bulb	755986	23722	28.0	3.38	846	1.3	55.2					88
Wet Bulb	520049	19795	23.4	8.204	846	1.5	76.5					88
Dew Point	223514	11514	13.6	8.892	846	5.7	83.9					88

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774495 JCKLEY ANG R CO
STATION STATION NAME

15-23

YEARS

FF-4
MONTH

PAGE 1 1310-2522
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

CLIMATE CLIMATOLOGY BRANCH
AFETAC
ALL WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704295 CUCKLEY ANG3 CO
STATION STATION NAME

74-63

YEARS

659
MONTH

PAGE 7 0300-0500
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
1-17																							
1-19																							
1-21																							
1-23																							
100	5.32	4.12	3.20	2.61	2.4	2.9	3.2	1.1	.1										346	346	346		

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7. 4595 BUCKLEY ANGUS CO

74-83

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

5673-0810

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
4 / 53									.1									1	1					
2 / 51								.1		.1								2	2					
/ 49								.		.1								3	3					
/ 47						.2	.2	.5										8	8					
4 / 45						.6	.4	.2										10	10					
4 / 43			.1		.4	.4	1.1	.1										17	17					
2 / 41				.6	.8	1.7	.8											23	33					
40 / 39			.1	.7	.9	1.5	.2											39	30	2				
/ 37			.5	1.9	1.9	1.4	.1											49	49	5				
/ 35		.2	1.1	1.8	4.4	2.2												52	32	26	1			
3 / 33		.1	.7	2.4	2.1	.8												51	51	35				
/ 31		.6	2.5	3.1	3.3	.1												77	77	51	4			
/ 29	.4	1.4	3.1	2.5	1.7	.1												76	76	55	5			
/ 27	.4	1.5	1.3	2.7	.4													53	53	111	16			
/ 25	.1	3.1	2.6	1.7	.7													66	68	96	44			
2 / 23	.5	1.3	1.4	1.3	.1													39	39	90	17			
2 / 21	.2	2.9	1.1	.8														42	42	91	51			
/ 19	.5	2.2	2.1	.6														46	46	62	79			
1 / 17	.5	2.5	.9	.1														34	34	44	57			
1 / 15	.4	1.2	.7															19	19	44	30			
/ 13		2.2	1.3	.1														31	31	15	58			
1 / 11	.4	1.7	.7															23	23	27	79			
1 / 9	.1	1.4	.4															16	16	28	69			
/ 7		1.3	.5															15	15	23	56			
/ 5	.1	.1																2	2	11	31			
/ 3	.4	.1																4	4	6	36			
/ 1	.4																	3	3	4	45			
/ -1		.1																1	1		21			
- / -3		.4																3	3	2	11			
- / -5		.6																5	5	2	6			
- / -7																				5	5			
- / -9		.1																1	1		5			
- / -11	.1																	1	1	2				
-1 / -13	.1																							

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
JGAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724295 DUCKLEY AVG3 CO
STATION STATION NAME

74-82

YEARS

FILE
MONTA

PAGE 2

~~3633-1833~~
HOUSE (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
1/-15																							
1/-17																							
1/-21																							
2/-23																							
TAL	4.4	24.9	20.9	20.1	15.2	9.1	3.0	.0	.4										846	846	845		

Element (X)	Σ x'	Σ x	x	c _s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2899652	47112	55.7	8.076	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	730219	23247	27.5	0.401	846	1.2	55.6					58
Wet Bulb	403545	19217	22.7	0.215	846	1.2	77.1					64
Dew Point	106644	10830	12.3	0.078	846	7.5	83.9					64

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CENTRAL CLIMATOLOGY BRANCH
METAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4-95 JUCKLEY ANG CO
STATION STATION NAME

74-63

YEARS

FEB
MONTH

PAGE 1 1930-1130
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																	
7 / 69																																	1	1			
6 / 65												.1	.1																				2	2			
4 / 63									.1			.1																					2	2			
7 / 61									.1	.4																							4	4			
7 / 59										.2	.2																						4	4			
7 / 57									.2	.4	.4																						12	12			
5 / 55									.4	.5	.7	.7	.1																				20	20			
4 / 53									.2	.5	1.7	.8																					26	26			
2 / 51							.2	.7	1.2	1.1	.5																						31	31			
7 / 49						.2	.6	.7	2.8	1.1	.1																						47	47			
6 / 47						.7	.6	1.9	1.7	.4																							42	42	2		
4 / 45						.7	1.7	3.3	1.4																								60	60	2		
4 / 43					.1	1.5	1.7	2.4	1.1																								57	57	11		
2 / 41			.1	.4	.4	2.7	1.2	.2																									47	47	20		
6 / 39			.1	1.4	1.4	1.9	.6																										46	46	34		
7 / 37			.3	1.3	2.1	.9	.4																										47	47	67		
7 / 35		.2	.7	1.5	1.2	1.2																											41	41	95		
3 / 33		.2	.8	1.9	1.4	.4																											39	39	99	3	
7 / 31		.6	1.9	1.7	1.5	.1																											48	48	36	7	
7 / 29	.2	1.3	.9	1.3	.7																												42	42	54	30	
7 / 27	.7	1.3	1.3	1.2	.5																												43	43	74	35	
7 / 25	.1	.5	1.5	1.1	.1																												28	28	58	54	
2 / 23	.1	.7	.5	.4	.1																												15	15	40	31	
2 / 21		2.6	1.4	.7																													40	40	46	45	
7 / 19	.1	2.4	1.2	.4																													34	34	41	91	
7 / 17		1.1	.7	.1																													16	16	32	67	
7 / 15	.1	.7	.4																														10	10	22	110	
7 / 13	.2	.8																															9	9	14	82	
7 / 11		.7																															6	6	10	66	
7 / 9	.2	.7																															8	8	8	54	
7 / 7		.5																															4	4	5	52	
7 / 5	.1	.1	.1																														3	3	5	30	
4 / 3	.1																																1	1	2	34	
7 / 1	.2																																2	2	1	23	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total																								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 MACFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14395 BUCKLEY ANG3 CD
STATION STATION NAME

74-83

YEARS

FEB
MONTH

PAGE 2 1933-1120
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
/ -1																					1	1										
- / -3			.5																H	M		2										
- / -5			.4																3	3	4	3										
- / -7																					3	2										
1 / -13																						1										
1 / -15																						3										
1 / -17																						1										
1 / -19																						1										
1 / -21																						2										
2 / -23																						1										
TFL	2.11	.5	12.4	14.3	12.3	12.2	11.7	9.7	5.6	3.1	.5	.2	.1					B46	P46		B46	846										

GLOBAL CLIMATOLOGY BRANCH
NAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774595	BUCKLEY ANG B CO
STATION	STATION NAME

74-83

YEARS

FFB
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY AFB CO STATION NAME

74-85

YEARS

FEB MONTH

PAGE 2 1270-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
/ 1		.1																1	1		30						
/ -1		.2																2	2	2	1						
- / -3		.2																2	2	1							
- / -5		.1																1	1	2							
- / -7																				1							
/ -9																					1						
/ -11																					1						
1 / -13																					1						
1 / -15																					1						
/ -17																					1						
TOTAL	1.4	5.7	8.7	9.6	11.0	12.2	10.4	10.5	12.2	6.1	5.0	2.4	.4	.2				846	846	846	846						

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	15656.6	33810	39.520	281	846	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1653536	35578	42.213	896	846	.5	21.9	1.1	.3			84
Wet Bulb	929931	27081	32.0	8638	846	.6	35.1					84
Dew Point	271548	13830	15.9	8310	846	1.9	83.3					84

USAFETAC FORM 12-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704595 PUCKLEY ANGB CO
STATION STATION NAME

74-83
YEARS

FFR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 1		.1	.1															2	2	2	18														
/ -1			.2															2	2	1	17														
- / -3				.4														3	3	4	5														
- / -5				.1														1	1	1	3														
- / -9																					1														
- / -15																					7														
- / -19																					1														
- / -21																					1														
- / -23																					1														
TOTAL		11.6	12.4	9.5	12.1	12.6	10.1	11.2	8.7	5.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3		246	546	546														

Element (X)	Σ x ¹	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1121849	35263	41.727	810	846	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1603331	35313	41.813	380	846	.5	22.2	.6				54
Wet Bulb	19445	26895	31.8	8732	846	.5	35.9					54
Dew Point	295327	13985	16.5	8713	846	3.2	42.5					84

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAD

PSYCHROMETRIC SUMMARY

74695 DUCKLEY ANGB CO

74-63

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1950-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
47/63								.1										1	1							
7/57									.1	.1								2	2							
57/55							.1	.1		.5								4	4							
47/53								.4	.5	.2								9	9							
77/51							.2	.6	.1	.1								14	14							
57/49							.4	.6	1.1	.4								20	20	1						
77/47					.4	.6	1.1	1.4	.5									39	39							
47/45				.4	.6	1.3	2.1	1.1	.1									49	49							
47/43					.9	1.8	2.1	1.6	.6									51	51	1						
77/41				1.3	1.1	2.1	.4	.2										43	43	6						
47/37				1.9	3.1	1.9	.6	.4										65	65	24						
37/37		1.3	1.5	3.1	.6	.2	.1											57	57	41	1					
77/35		.6	1.2	3.1	2.4	.8	.5											72	72	77						
37/33		.7	1.1	2.4	2.5	.6	.1											62	62	98	3					
77/31	.1	1.3	1.9	1.8	1.2	.4												56	56	93	12					
77/29		.6	1.2	2.0	.7	.1												39	39	99	16					
77/27	.3	1.4	2.3	1.4	.2													45	45	76	45					
77/25	.1	2.2	2.3	.6	.2													44	44	74	40					
27/23	.2	.4	.8	.2														14	14	68	34					
27/21		1.7	1.7	.5														32	32	41	78					
77/19		2.6	.8	.2														31	31	29	86					
17/17	.4	1.3	.1															15	15	41	76					
17/15	.1	1.8	.1															17	17	18	97					
17/13	.1	1.5	.2															15	16	15	68					
17/11	.5	.2																6	6	16	68					
77/9	.1	.6	.1															7	7	6	42					
77/7	.1	.5																5	5	7	49					
77/5	.5	.4																7	7	7	23					
77/3		.2																2	2	3	21					
77/1		.2																2	2	2	19					
77/-1	.2																	2	2	4	10					
77/-3	.1																	1	1	1	3					
77/-5		.4																3	3	1	9					
77/-7		.2																2	2	2	5					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ							
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										
Mean No. of Hours with Temperature																							Total			
																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 WFAFLTAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

754695 WICKLEY ANG3 CO
STATION STATION NAME

74-83

YEARS

FFS

PAGE 7

~~1800-2000~~
HOURS (L.S.V.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
- / -9	.2																	2	2	4	5			
- / -11																								
1 / -13																								
1 / -15																								
1 / -17																								
2 / -23																								
2 / -25																								
TOTAL	3.111	8.14	5.18	2.17	1.11	3.8	5.6	0.1	7										545	845	545			

Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	25.6746	43830	53.819	316	846	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	1455494	28256	33.41	526	846	1.2	34.6					64
Wet Bulb	652999	22931	27.1	528	846	1.2	59.4					64
Dew Point	275079	13203	15.6	0.38	846	4.8	83.6					64

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

Cuba

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704095	BUCKLEY ANGB CO
STATION	STATION NAME

74-02

YEARS

755
MONTH

PAGE 1 2100-2300
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
5 / 55									.1									1	1					
4 / 51								.1										1	1					
4 / 49						.1	.1	.1										9	9					
4 / 47					.1	.7	.1	.4	.1									16	16					
4 / 45				.4	.8	1.1	.5	.1										24	24					
4 / 43			.5	.1	1.5	1.0	.2											31	31					
4 / 41			.1	.2	1.1	2.2	.4	.2										41	41					
4 / 39			.9	1.8	1.8	1.9	.1											55	55	5				
3 / 37			.6	3.1	3.2	1.1	.1											69	69	24				
3 / 35		.5	1.8	2.1	2.8	.6	.2											69	69	36				
3 / 33		1.2	.8	2.1	1.5	.2	.1											51	51	55				
3 / 31		1.7	2.6	4.7	1.8	.5												95	95	125				
3 / 29	.4	1.7	1.8	2.6	.7	.2												62	62	98				
3 / 27		1.8	2.1	.6	.4													41	41	97				
3 / 25	.5	1.8	2.6	.7	.2													49	49	59				
3 / 23	.2	1.1	1.3	.1														27	27	54				
2 / 21	.1	2.2	1.3	.5														35	35	51				
2 / 19		2.7	1.9	.4														50	50	47				
2 / 17	.5	1.7	1.7	.1														33	33	46				
2 / 15	.1	.9	.4															12	12	33				
2 / 13	.1	1.3																12	12	18				
1 / 11	.2	1.8	.1															16	16	15				
1 / 9	.4	1.3	.2															15	15	24				
1 / 7		.6																5	5	9				
1 / 5	.1	.1																2	2	5				
1 / 3	.5	.6																10	10	6				
1 / 1		.2																2	2	4				
1 / -1		.1																1	1	2				
- / -3	.1	.6																6	5	3				
- / -5	.1																	1	1	5				
- / -7																				2				
- / -9	.1																	1	1	1				
- / -11	.2																	2	2	2				
- / -13																				2				
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATOLOGY BRANCH
JANFETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724495 HUCKLEY ANG8 CO
STATION STATION NAME

74-83

YEARS

FEA
MONTH

PAGE: 232-272
HOURS: 11.5, 1.1

[illegible]

FORM 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GENERAL CLIMATOLOGY BRANCH
MILITARY
AIR WEATHER SERVICE/NAO

PSYCHROMETRIC SUMMARY

7-67-95 JACKLEY AND CO

74-62

5-3

STATION

STATION NAME

YEARS

MONT

PAGE 1

421

NOUAS IL. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

4425 JICKLEY AMB CO
STATION STATION NAME

74-83

YEARS

~~FEB~~
MONTH

PAGE 2

HOURS (L. S. T.)

[illegible]

4 A 5
MONTH

124595	BUCKLEY ANG B CO
STATION	STATION NAME

74-83

YEARS

PAGE 1 2000-0243
MOORE (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5

PSYCHROMETRIC SUMMARY

74-83

YEARS

MONTANA

0055 7 3333-3233
HOL 11-9-71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
15L	4.320	7.23	0.15	0.21	6.1	9.7	3.0	1.7	.1											930	930	930		

Element (X)	Σ x'	Σ x	Σ	c _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3703407	56211	60.418	146	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	135561	29805	32.1	9.210	930	.3	47.6					93
Wet Bulb	79016	25398	27.3	7.086	930	.3	73.1					93
Dew Point	382344	17362	18.7	7.916	930	2.4	92.7					93

USAFETAC
FORM
PLA 94
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
AFETAC
AIR CATHER SERVICE/ACAC

PSYCHROMETRIC SUMMARY

PHS95 LUCKLEY A.G.B. CO
STATION STA

74-52

YEARS

MONTH

PAGE 1

23-2-05:2
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
7 / 51						.1	.1	.2										4	4																
5 / 4					.1	.1	.2											7	7																
3 / 47					.4	1.	.2											17	17																
4 / 40					.3	.1	.2											8	8																
4 / 43				.3	1.5	.5	.2											23	23																
2 / 41			.5	.5	1.1	.9	.5											33	33	4															
4 / 39			.9	1.0	3.1	1.4	.3											62	62	4															
4 / 37			.5	1.9	3.	1.2												62	62	27															
1 / 35	1.2	1.8	3.2	2.	.8													92	92	32															
34 / 30	2.	2.4	3.5	2.	.5													98	98	55															
7 / 31	.5	4.2	5.7	2.3	1.1													130	137	114															
7 / 27	.4	2.6	2.9	.8	.4													69	69	143															
7 / 27	.5	4.2	1.8	1.0	.3													73	73	148															
7 / 25	.4	2.6	2.	.6	.1													54	54	115															
7 / 23		.6	1.0	.5														20	20	52															
2 / 21	.2	2.3	.2	.1														31	31	50															
7 / 17	.3	2.3	2.5															48	48	76															
1 / 17	.4	1.4	1.0	.1														27	27	51															
1 / 15	.1	1.4	.2	.1														17	17	22															
1 / 13	.3	.6	.2															11	11	25															
1 / 11	.3	1.0	.2															14	14	13															
1 /	.2																	2	2	4															
7 / 7	.2																	2	2	1															
7 / 5	.1																	1	1	3															
7 / 3	.4																	4	4	3															
7 / 1	.3	.2																5	5	4															
7 / -1	.1																	1	1	2															
- / -3	.2	.2																4	4	4															
- / -5	.1																	1	1	2															
- / -7																																			
- / -9																																			
- / -11																																			
- / -13																																			
- / -17																																			
Element (X)	Σ X'	Σ X	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																	
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

0-26-5 (OLA)
REVISE PREVIOUS EDITIONS OF THIS FORM AND CANCEL IT

USAFETAC

FEDERAL CLIMATOLOGY BRANCH
METAC
A - WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-4295 JACKLEY AND CO
STATION STATION NAME

74-63

YEARS

~~MAR~~
MONTH

PAGE 2 2300-0510
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 L	4.52	7.62	4.91	5.91	6.6	6.5	3.	1.1																									930	730		931	
																																		930		930	

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	11213	56441	63.71	7.572	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	5111	28519	30.7	9.318	930	6	51.4					93
Wet Bulb	683675	24327	26.2	7.138	930	8	79.8					93
Dew Point	387411	16201	17.5	8.171	930	7	92.4					93

PSYCHROMETRIC SUMMARY

704595 BUCKLEY ANG B CO

74-83

MB
MONTI

PAGE 1 1610-DR-10
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

2

74-63

YEARS

Monte

2455 7

~~3622-CB-20~~
HOUNS (L.S. 4)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
- / -9																																								
1 / -13																																								
1 / -15																																								
TAL	1.225	6.222	9.16	7.14	7.8	8.3	7.2	5.5	5	5	1																									930	930	930		

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

124195	BUCKLEY ANG B CO
STATION	STATION NAME

74-67

YEARS

MAE
MONTH

3455

1920-1120
MOUSE 11. 5. 11

[illegible]

GLOBAL CLIMATOLOGY BRANCH
AFSTAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4495 JICKLEY ANG3 CO
STAT ON STATION NAME

74-92

YEARS

~~MA 5~~
MONTH

PAGE 2 1970-1100
HOURS 11:50 AM

[illegible]

PSYCHROMETRIC SUMMARY

704495 JUCKLEY ANG3 CD

74-83

YEARS

4 A 2
MONTH

PAGE 1

12-9-14-5
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
B.E. 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 LUCKLEY ANG3 CO
STATION STATION NAME

74-63

YEARS

MA
MONT

PAGE 2 1200-1412
MAY 11 1964

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ 0																					12	
/ 1																					10	
/ -1																					14	
- / -3																						
/ -11																						
TOTAL	1.3	12.3	5.3	9.6	8.5	7.8	10.1	10.1	8.4	9.6	7.9	3.5	1.9	.2				930	930	930	930	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2576608	36434	41.322	925	931	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	2107232	42588	45.83	3.024	937		16.7	2.2	.2			93
Wet Bulb	1197407	32515	35.1	7.546	937		31.2					93
Dew Point	4178.2	18194	19.6	8.166	930	1.1	89.6					93

FEDERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE / WAC

PSYCHROMETRIC SUMMARY

7.4595	JUCKLEY ANGEL CO
STATION	STATION NAME

74-63

YEARS

443
MONTH

PAGE 1 1520-1700

1520-1700
HOURS 11 5 11

[illegible]

—

PSYCHROMETRIC SUMMARY

0250 1500-1700
MOL 11-5-11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ - 2																																					
/ - 1																																					
/ - 0																																					
- / + 3																																					
- / + 2																																					
- / + 1																																					
- / 0																																					
+ / - 3																																					
+ / - 2																																					
+ / - 1																																					
+ / 0																																					
TAL	1	3	1	2	8	9	7	1	0	1	7	3	6	0	1	0	2	1	0	6	8	9	8	5	7	2	4	0	2	4	0	1			930	930	

Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2143.71	368.69	41.823	6.42	933	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	133244	429.72	46.112	9.95	933		15.5	7.2				93
Wet Bulb	12144.23	32.87	35.4	7.443	933		25.9					93
Dew Point	432014	16404	10.0	8.374	933	1.4	29.5					3

CLIMATE CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4495	BUCKLEY AVGB CO
STATION	STATION NAME

74-93

YEARS

MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



2

GLOBAL CLIMATOLOGY BRANCH
 WETBULB
 AIR WEATHER SERVICE/AMC

PSYCHROMETRIC SUMMARY

744895 JACKLEY ANGUS CO
 STATION STATION NAME

74-63

YEARS

4 A
 MONTH

PAGE 1 2100-2700
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
7 / 55										.1								1	1								
7 / 57										.1	.1							4	4								
5 / 55										.1								2	2								
4 / 53								.4	.2									10	10								
3 / 51						.2	.1	1.0	.2									16	16								
1 / 49						1.5	.1	1.2	.2									26	26								
7 / 47					.2	1.2	1.3	1.2										37	37								
4 / 45				.2	.1	2.7	1.3	.3										42	42								
4 / 43			.1	1.2	1.2	2.5	1.3	.3										56	56	2							
7 / 41		.4	.3	1.2	1.3	1.4	1.2	.1										56	56	14							
4 / 39		.1	1.3	1.7	2.2	2.5	.2											77	77	21	1						
7 / 37		.1	1.8	1.9	1.8	.8												60	60	54	3						
7 / 35	.3	1.5	1.8	3.1	1.5	.6												84	84	60	2						
3 / 33		1.9	3.4	1.7	.8	.4												77	77	107	8						
7 / 31	.1	6.3	3.2	1.7	.4													107	107	171	33						
7 / 29	.3	2.5	1.7	1.4	.2	.2												70	70	144	76						
7 / 27	.3	2.3	2.2	.3	.4													51	51	92	73						
7 / 25	.4	1.1	1.1	.5	.2													30	30	74	65						
2 / 23	.2	1.5	.5	.1														17	17	45	70						
2 / 21	.1	2.1	1.3															32	32	40	95						
7 / 19		1.5	.2															16	16	33	105						
7 / 17		1.1	.5															15	15	17	77						
7 / 15	.5	1.1																17	17	23	73						
7 / 13		.5																5	5	10	55						
1 / 11	.1	.2																3	3	5	45						
7 / 9																						36					
7 / 7	.1	.4																5	5	2	35						
7 / 5		.3																5	5	7	16						
7 / 3	.2	.1																3	3	3	15						
7 / 1	.1	.1																2	2	3	3						
7 / -1																						7					
- / -3																							4				
- / -5																							4				
- / -7																							1				
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature										Total						
Rel. Hum.											$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
LAJAFETAC
AND WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

724395 - WICKLEY AGR CO
STATION STATION NAME

74-83

YEARS

3 MONTH

PAGE 7 ~~2322-2363~~
HOURS 11.5. P.P

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

425
MONTH

PAGE 1

ALL
HOURS (L.S.T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-S (OL A)

WOMEN

USAFETAC

PSYCHROMETRIC SUMMARY

74-22

YEARS

562
MONTH

PAGE 5

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/	.	.1																17	17	22	17			
/ -1	.1	.2																19	19	18	13			
/ -1	.1	.1																16	16	15	75			
/ -1	.	.0																5	5	3	42			
- / -3	.	.0																5	5	6	28			
- / -5	.																	3	3	4	24			
- / -7																					15			
- / -9																					17			
/ -11																					6			
1 / -13																					6			
1 / -15																					5			
1 / -17																					1			
TAL	3.32	.317	.213	.212	.1	9.4	7.4	6.0	3.7	3.4	2.5	1.2	.6	.0				7439	7440	7439	7439			

Element (X)	ΣX'	ΣX	X	°a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	242.5123	391189	52.622.1	M	7439	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1165224	273748	37.612.382		7447	1.7	269.2	6.3	.2			744
Wet Bulb	7389859	226711	30.56.038		7439	1.9	441.3					744
Dew Point	3194439	141717	19.18.155		7439	15.1	730.4					744

0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

174695	JCKLEY ANG B CO
STATION	STATION NAME

74-23

YEARS

20
MONTH

PAGE 1 0000-2240
HOURS (L. S. T.)

[illegible]

YEARS

AD =
MONTH

PAGE 1

2300-25-0
MOORE (L. S. T.)

[illegible]

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

2

PAGE 7 ~~2300-05-00~~
HOURS (L. S. T.)

USAFETAC

GENERAL CLIMATOLOGY BRANCH
JAFETAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74695	BUCKLEY AVER CO
STATION	STATION NAME

74-83

YEARS

437
MONTH

PAGE 1 7670-3830
HOURS 11 5 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
7 / 59											.1							1	1													
6 / 57											.2							2	2													
6 / 55									.1	.1	.3	.1						6	6													
4 / 53									.1	.2	.1	.1						5	5													
7 / 51								.2	.2	.6	.7	.3						14	14													
7 / 59								.2	.8	.1	.4							15	15													
7 / 57							.7	.1	.2	.1	.3							10	10													
5 / 55							.3	.4	.5	.7								21	21													
4 / 53						.8	1.1	1.1	.6	.4								32	32													
7 / 51				.2	1.3	1.1	.7	.6	.1									33	33	1												
1 / 49			.4	.7	1.3	1.7	.9	.4	.3									46	46	7												
8 / 47		.1	.9	1.0	2.2	1.0	.7	.7										59	59	17												
4 / 45		.1	1.3	1.9	1.6	1.6	.7	.1										67	67	35												
4 / 43		.6	.9	1.9	2.4	1.2	.6	.2										70	70	54	5											
7 / 41		2.1	1.7	2.2	1.1	1.7	.7											82	83	67	9											
4 / 39		1.6	2.0	2.4	1.1	1.0	.2											75	75	92	22											
3 / 37		1.1	2.0	1.6	1.8	.3	.1											52	62	97	41											
1 / 35		2.2	1.8	1.9	.9	.7												67	68	94	46											
3 / 33		1.8	1.4	1.4	.6	.2												49	49	92	54											
7 / 31	.5	1.9	1.8	1.4	.3	.1												59	59	97	116											
7 / 29	.2	.3	1.0	1.1	.4													28	28	67	53											
7 / 27	.5	1.8	.9	.2														71	31	43	76											
7 / 25	.1	.9	1.2	.1														21	21	55	65											
2 / 23		.1	.6															6	6	26	44											
2 / 21	.1	.9	.2															11	11	25	52											
1 / 19		1.0	.2															11	11	13	88											
1 / 17		.3	.1															4	4	6	48											
1 / 15		.4	.1															5	5	7	49											
1 / 13		.2																2	2	2	31											
1 / 11																				2	25											
1 / 9		.2																2	2	2	22											
1 / 7																					15											
1 / 5		.2																														

GLOBAL CLIMATOLOGY BRANCH
METAC
ALL-WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4495	JICKLEY ANG3 CO
STATION	STATION NAME

74-83

YEARS

ADD
MONTH

DATE: 2930-1126
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
JGJ/FETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695	BUCKLEY ANGB CO
STATION	STATION NAME

74-63

YEARS

APR
MONTH

28.5

3930-113

[illegible]

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AND WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

124695 _____ BUCKLEY ANG R C2 _____
STATION STATION NAME

74-83

YEARS

AD C
MONTH

PAGE 2 1200-1400
HOURS (U.S. EST.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ 13																																					27
1 / 11																																					22
/																																					25
/ 7																																					7
/ 5																																					1
/ 3																																					6
/ 1																																					10
/ -1																																					1
TAL	.3	7.2	5.8	4.7	5.8	8.5	9.8	10.2	10.2	9.3	9.2	7.9	5.6	4.3	1.7	.2																		900	900	900	

Element (X)	Σx^1	Σx	\bar{x}	C_s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	15.1446	32356	36.2	21.044	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	2235533	49997	55.6	13.261	900		5.2	21.2	7.7	.5		9.0
Wet Bulb	1505160	37466	41.6	7.420	900		13.5					9.0
Dew Point	623577	22391	24.9	8.602	900		1	73.8				9.0

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.4595	SUCKLEY ANG8 CO
STATION	STATION NAME

74-63

YEARS

ADD
MONTH

PAGE 1 1960-17-2
NOV 2 11 5 31

[illegible]

GLOBAL CLIMATOLOGY BRANCH
NAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4-95 JACKLEY ANGB CO
STATION STATION NAME

74-63

YEARS

APR
MONTH

PAGE 2 ~~1677-1700~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

APR
MONTH

PAGE 2 ~~1836-2030~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
/																					13				
/ 2																					10				
/																					5				
/ 3																					2				
/ 1																					2				
TOTAL	610	911	118	810	611	912	610	778	753	322	222	9	5					900		900	900				

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	236.2257	41261	86.621	196	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2243771	43899	48.811	674	900		9.5	8.6	5			90
Wet Bulb	1404467	39073	38.97	265	900		17.6					90
Dew Point	689444	23726	26.4	838	900		62.6					2

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.4095	JUCKLEY ANG3 CO
STATION	STATION NAME

74-63

YEARS

ADJ.
MONTH

PAGE 1 2122-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
71												.1						1	1					
67											.1							1	1					
65												.1						1	1					
63									.2	.2								5	5					
61						.1			.3	.1								5	5					
59						.1	.3	.3	.3	.7	.3							23	23					
57					.2	.4	.2	.7	.4	.3								21	21					
55					.3	.6	.3	1.2	1.2	.2	.1							41	41					
53					.4	1.2	1.6	.8	.3	.2								41	41					
51				.5	1.9	2.4	.7	1.0	.1									54	54	2				
49			.1	.7	2.3	1.4	1.1	.9	.1									59	59	6				
47			.7	1.6	2.1	1.4	1.1	.4										65	65	18				
45		.7	1.1	2.1	1.4	1.6	.7	.4										74	74	39				
43		1.6	1.9	3.0	2.1	1.7	.3	.2										93	93	5				
41		2.3	1.3	3.7	1.4	.9	.3											95	95	18				
39		1.1	1.7	2.8	1.5	.4	.1											117	117	34				
37		1.9	2.9	1.9	.6	.7	.3											136	136	43				
35	.1	.7	1.6	1.7	.3	.8												146	146	53				
33	.2	1.6	.4	.6	.3	.4												162	162	59				
31	.3	1.2	1.7	.7	.9	.1												170	170	123				
29	.2	1.1	1.2	.1														22	22	83				
27	.3	1.1	1.0	.1														23	23	72				
25	.8	1.1																17	17	63				
23		.3																3	3	40				
21	.1	1.3																10	10	53				
19		.7	.1															7	7	87				
17		.1																1	1	49				
15		.2																2	2	36				
13	.1																	1	1	17				
11		.4																4	4	18				
9																				9				
7																				19				
5																				5				
3																				10				
Element (K)	Σ x ²	Σ x	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						≤ 0 F	≤ 32 F											

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

714595 BUCKLEY ANG3 CO
STATION STATION NAME

74-83

YEARS

ADJ
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74495 BUCKLEY AFB CO
STATION STATION NAME

74-87

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
47 / 50																.0					1	1		
47 / 51																.0					7	7		
47 / 79															.1	.1					17	17		
7 / 77													.0	.1	.2	.0					25	25		
47 / 75												.0	.4	.2	.2						55	55		
47 / 73											.0	.3	.3	.4							76	76		
47 / 71											.2	.7	.3	.3							102	102		
47 / 69									.0	.1	.6	.5	.5	.1							134	134		
6 / 67									.2	.3	.7	.6	.4								161	161		
6 / 65								.2	.3	.6	.6	.8	.0								189	189		
6 / 63								.2	.6	.0	.5	.3									179	179		
4 / 61						.0	.2	.5	.6	.5	.5	.1									210	210		
4 / 59						.1	.3	.4	.8	1.0	.7	.3	.0								255	255		
4 / 57					.2	.3	.4	.7	.5	.6	.0										189	189		
5 / 55				.0	.2	.7	.6	1.2	.9	.2	.0										291	291		
4 / 53				.1	.6	1.0	1.2	.9	.5	.2											316	316	36	
47 / 51		.0	.1	.3	.4	1.3	.7	.3	.0												322	322	158	
6 / 49		.0	.2	.7	1.3	1.3	1.1	.6	.4	.1											400	400	266	
4 / 47		.0	.5	.9	1.3	.9	.8	.5	.2												374	375	383	3
47 / 45		.3	.9	1.2	1.2	1.2	.7	.6	.7												435	435	527	8
47 / 43	1.1	1.0	1.0	1.7	1.5	1.0	.5	.5													526	528	637	36
47 / 41	1.4	1.0	1.5	.9	.9	.4	.1														452	453	719	95
47 / 39	1.0	1.6	1.4	1.3	.6	.3															448	448	666	220
5 / 37	.0	.9	1.6	1.3	1.0	.4	.1														381	381	618	307
4 / 35	.0	1.0	1.3	1.4	.5	.4															335	336	593	359
37 / 33	.1	1.4	.9	1.1	.3	.1															234	284	578	424
47 / 31	.3	1.5	1.6	.8	.7	.1															352	352	531	822
47 / 29	.2	.7	1.0	.5	.2																184	184	423	613
4 / 27	.1	1.3	.7	.1	.1																165	165	308	629
4 / 25	.0	.7	.8	.1																	113	113	292	592
2 / 23		.3	.3																		47	47	159	340
2 / 21	.0	.8	.1																		56	66	132	466
4 / 19		.6	.1																		53	53	70	693
4 / 17		.2	.1																		22	20	31	447
Element (X)	Σ X'		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F				Total				
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

724995	BUCKLEY ANG B CO	74-87	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 7 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 13			.1																															13	10	24	367
1 / 13			.1																														7	7	8	202	
1 / 11			.1																														9	9	9	186	
1 / 5			.1																														7	7	8	158	
1 / 7			.1																														1	1	5	159	
1 / 5			.1																														2	2	1	51	
1 / 3			.1																														2	2	2	82	
1 / 1																																				1	50
1 / -1																																				5	
1 / -3																																				1	
Tot			.013.613.813.111.210.3	9.4	7.4	5.9	4.6	3.5	3.1	2.0	1.2																		.5	.1			7200		7195		
																																		7195		7195	

Element (X)	Z _H '	Z _K	X	Q _a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	25491976	358186	89.222.287		7195	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	16624579	333325	46.412.948		7200		123.8	57.1	17.8	1.3		720
Wet Bulb	10327259	267485	37.27.962		7195		201.5					720
Dew Point	5116832	181328	25.28.720		7195		578.7					720

USAFETAC
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 SUCKLEY ANG CO
STATION STATION NAME

74-83

YEARS

MAY
MONTH

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
71								.1										1	1								
69							.1											1	1								
67							.1											1	1								
63							.2		.2									5	5								
61					.1	.4	.5	.2	.1	.2								15	15								
59				.4	.3	.1	.5	.4	.5		.2							26	26								
57			.4	.2	1.0	.9	1.0	.1	.3	.2	.1							44	44	2							
55			.2	1.0	.4	1.3	1.1	.9	.1									46	46	4							
53		.4	1.0	1.7	1.2	1.6	1.1	.6	.2									74	74	9							
51		.8	1.6	3.0	1.7	2.0	.6	.4										95	95	18	7						
49	1.7	2.4	3.5	1.4	1.4	.4	.3											104	104	54	13						
47	.4	2.4	2.8	2.4	.6	.7												63	63	71	22						
45	1.5	3.0	2.6	1.9	.9	.1	.1											102	102	107	39						
43	.8	2.7	3.9	1.4	.4	.2												81	81	120	42						
41	1.5	3.5	2.2	.7	.3													78	78	122	55						
39	1.5	3.2	.5	.2	.1													52	52	115	75						
37	1.5	1.5	.4	.5														37	37	117	96						
35	1.4	.9	.4	.1														25	25	61	90						
33	.1	2.3	.5	.3	.1													31	31	52	92						
31	.2	1.6	.4	.2														23	23	41	139						
29																				23	71						
27	.3	.2																5	5	9	55						
25																				4	40						
23																					15						
21	.1																	1	1	1	22						
19																					17						
17																					14						
15																					4						
13																					2						
11																					6						
9																					1						
TOTAL	.615	.723	.923	.713	.910	.1	7.7	3.3	1.5	.4	.3							930	930	930	930						
Element (X)	Z ₁	Z ₂	X	C ₁	No. Obs.	Mean No. of Hours with Temperature										Total											
Rel. Hum.	435719	59193	63.6	6.990	930	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total															
Dry Bulb	2103542	43696	47.7	7.372	930		2.9	.3				93															
Wet Bulb	1595357	38147	41.5	5.738	930		7.8					23															
Dew Point	1140894	31832	34.2	7.435	930		38.6					93															

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
OSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704695	BUCKLEY AWC3 CO
STATION	STATION NAME

74-63

YEARS

May
MONTH

PAGE 1 2370-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
4 / 52																		3	3																
4 / 51																		1	1																
4 / 50						.1	.1	.2	.3	.2		.1						10	10																
4 / 57				1.3	.3				.1	.2	.1							24	24																
5 / 56			.4	.4	.3	.5			.4		.1							28	28																
4 / 53		.1	.4	1.2	1.7	1.9	.4	.2	.4	.1								61	61	2															
4 / 51		1.3	1.2	1.5	1.5	1.4	.5											70	70	19															
5 / 46		.5	2.3	3.1	2.2	1.2	.2	.1										90	90	29	10														
4 / 47		1.6	3.4	1.1	2.3	1.1	.4											92	92	44	20														
4 / 45		2.2	5.2	3.2	1.5	1.3	.2											125	125	27	30														
4 / 43		1.5	3.5	3.1	.8	.3												95	96	123	51														
4 / 41		1.9	3.2	2.2	.9	.4	.1											81	81	118	45														
40 / 34	.2	1.3	4.6	1.8	.9	.4												93	93	133	77														
4 / 37		1.5	2.9	1.4	1.2													63	63	87	97														
4 / 35	.1	2.3	1.0	.8	.1													39	39	99	67														
3 / 37	.2	2.7	.5	.3	.2													37	37	77	81														
2 / 31	.1	1.7	.8		.1													25	25	48	147														
2 / 29	.2	.4																6	5	48	71														
2 / 27	.3																	3	3	14	65														
2 / 25																				3	47														
2 / 23																					22														
2 / 21		.1																1	1	1	21														
1 / 17		.2																																	

YEARS

74-83

MON T +

PAGE 1

2075-2805
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
47 / 73								.1			.1							2	2					
47 / 71								.1		.2	.1							3	4					
47 / 69								.1	.1		.3							5	5					
47 / 67							.1	.2	.3	.3	.2							11	11					
47 / 65						.2	.2	.2	.5	.5		.1						19	19					
47 / 63					.1	.4	1.0	1.0	.9	.3	.2							36	36					
47 / 61			.2	.1	.5	1.2	1.3	.5	.2	.1								39	39					
47 / 59			.1	.2	1.4	1.2	1.0	.2	.1									52	52	1				
47 / 57			.6	.9	1.2	1.0	.9	.1	.1									46	46	2				
47 / 55			.9	1.1	1.6	1.1	1.2	1.1	.2	.2								65	65	11				
47 / 53		.5	.9	1.4	1.7	2.2	1.4	.5	.2									42	42	17				
47 / 51		.6	1.6	1.4	2.2	2.7	.6	.1										86	86	57	5			
47 / 49		.4	1.0	1.6	1.8	.9	1.1	.2										64	64	43	17			
47 / 47		.9	1.6	2.9	2.5	.9	1.1	.1										91	91	171	29			
47 / 45		1.3	2.5	2.9	1.1	.8	.4											79	79	172	35			
47 / 43		1.5	2.7	1.7	.9	.3		.1										61	61	170	71			
47 / 41		1.4	2.4	.9	.9	.2												53	53	125	52			
47 / 39		2.3	3.0	.4	.2													53	53	126	51			
47 / 37	.2	1.5	.5	.3		.1												20	20	79	95			
47 / 35		1.5	.4	.2														20	20	59	131			
47 / 33		1.3	.4															16	15	43	137			
47 / 31		1.2	.4															15	15	19	137			
47 / 29	.3	.1																4	4	18	53			
47 / 27	.1																	1	1	4	45			
47 / 25		.3																3	3	2	39			
47 / 23																				1	17			
47 / 21																					21			
47 / 19																					15			
47 / 17																					5			
47 / 15																					6			
47 / 13																					5			
47 / 11																					1			
47 / 9																					3			
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

74-82

YEARS

MONTH

PAGE 2 ~~76-3-3847~~
HOLD U.S. F.P.

[illegible]

NATIONAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14495	BUCKLEY AYCOB CO
STATION	STATION NAME

74-53

YEARS

444
MONTH

PAGE 1 2910-11.0
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

0495 WICKLEY ANG CO
STATION STATION NAME

74-13

YEARS

May
MONTH

PAGE 2 100-1124

[illegible]

GENERAL CLIMATOLOGY BRANCH
NOAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

174595	BUCKLEY ANG B CO
STATION	STATION NAME

74-63

YEARS

48 Y
MONT

PAGE 1 1220-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
67 / 37													.1					1	1					
67 / 55													.1				.3	4	4					
67 / 63											.1				.3	.4		8	8					
67 / 71												.2	.1	.4	.3	.5		15	15					
7 / 75										.1		.4	.3	1.1	.4			25	25					
7 / 77										.2	.5	.9	1.5	1.3	1.1			48	48					
67 / 75										.3	.5	1.1	1.9	1.4	1.2	.3		63	63					
67 / 73										.5	.4	1.5	1.9	1.1	.3			58	58					
7 / 71										.2	.3	.9	1.6	1.6	2.5	.9	.3	77	77					
7 / 69							.1	.4	.3	1.1	1.5	1.6	1.1	.9	.1			66	66					
67 / 67							.2	.4	.6	1.7	2.3	1.9	.6	.2				73	73					
67 / 65					.1		1.1	.7	1.1	1.1	.6	.1						45	45					
67 / 63					.1	.4	.6	1.3	1.5	1.2	.3	.1						52	52	3				
67 / 61					.5	.8	1.3	.9	.9	1.2	.3	.2						54	54	3				
7 / 59				.1	.2	.4	1.1	1.1	.9	1.4								48	48	14				
7 / 57				.7	.2	.6	.9	.6	.9	.2								35	35	41				
57 / 55				.7	.4	.3	.7	.5	.4									39	39	49				
67 / 53			.3	.3	1.1	.4	.3	.1	.3									27	27	124				
57 / 51			.1	.8	.4	.2	.4	.3	.4									25	25	118				
7 / 49			.3	1.4	1.4	.3	.2	.2										36	36	132				
67 / 47		.3	1.3	1.1	.5	.1	.1											32	32	136				
67 / 45		.2	.4	.3	.4													17	17	73				
67 / 43		.6	1.2	1.3	.2													28	28	73				
67 / 41		.6	.1	.7														9	9	56				
67 / 39		.5	.2	.1														9	9	39				
7 / 37		.4	.7	.1														8	8	26				
7 / 35		.4	.4	.1														9	9	14				
3 / 33		.9																8	5	10				
67 / 31	.2	.9	.1															11	11	17				
67 / 29																				4				
7 / 27																				1				
7 / 25																								
2 / 23																								
2 / 21																								
Element (X)	Σ X²	Σ X	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature										Total							
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
A. J. LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724195 BICKLEY ANG8 CD
STATION STATION NAME

74-83

YEARS

~~MAY~~
MONTH

PAGE 2 1270-1429
JAN 11 1964

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Dry Bulb	Wet Bulb	Dew Point	
1 / 1																																				38
1 / 17																																				27
1 / 15																																				6
1 / 13																																				3
1 / 11																																				1
1 / 7																																				5
TAL		2	5	1	5	1	7	2	5	7	4	4	7	0	7	2	0	9	1	3	9	7	0	0	6	6	4	8	2	6	1	3		230		930
																																		930		930

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1763712	35508	38.220	957	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3238274	58694	63.112	710	930		1.1	43.8	22.2	4.2		63
Wet Bulb	2168917	48745	48.1	6234	930		2.2					63
Dew Point	1101141	31069	33.4	8248	930		10.5					63

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
NOAF/ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695	BUCKLEY ANGB CO
STATION	STATION NAME

74-83

YEARS

MAY

PAGE 1 1520-1730
HOURS (L. S. T.)

[illegible]

2

2

74-83

YEARS

~~MAY~~
MONTH

PAGE 2 ~~1550-1730~~
HOUR 11-5-6

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
17																						12
16																						13
15																						4
14																						6
13																						1
12																						1
11																						1
10																						1
9																						1
8																						1
7																						1
TAL	.4	4.3	6.5	7.6	5.3	5.1	8.1	8.5	9.4	10.2	9.0	10.2	5.3	3.6	3.3	1.2			929		929	
																		929		929		
					</																	

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A)

10)

6-5

0-2

100

2

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AFFE

US

2

CLIMAT. CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY AFB CO
 STATION STATION NAME

74-83

YEARS

43 Y
MONTH

PAGE 1 1870-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
7 / 79																				5	5					
7 / 77												.2	.2							4	4					
7 / 75												.1	.2	.2	.3					8	8					
4 / 73										.2	.5	.6	.4	.2	.3					22	22					
7 / 71									.3	.1	1.1	1.3	.7	.2	.3					33	33					
7 / 69								.3	.3	.5	1.0	.3	.5	.3	.2					32	32					
6 / 67					.1	.1	.3	.4	1.3	.9	.6	.3	.4							42	42					
6 / 65						.9	.4	1.1	1.7	1.2	.5	.4								57	57					
4 / 63					.4	.2	2.2	1.7	1.3	1.3	.5	.4								80	80					
7 / 61				.2	.4	1.2	1.1	2.4	2.5	.4										90	90					
7 / 59				.4	1.1	1.6	1.7	1.9	.8	.8										77	77		4			
7 / 57			.1	1.2	1.3	1.1	1.3	1.0	.3	.2										60	60		13			
5 / 55			.5	1.1	1.2	1.6	1.4	1.1	.2	.2										68	68		33			
5 / 53			.3	1.2	1.5	1.3	.7	.2	.4											52	52		1			
7 / 51			.8	.5	1.4	1.3	1.3	.2	.2											84	84	125	7			
7 / 49		.1	1.2	1.1	1.1	1.1	.3	.4												48	48	100	21			
5 / 47		.3	1.5	1.7	.6	.5	.2													49	49	121	29			
4 / 45		.2	1.1	1.7	.3	.3		.1												35	35	125	36			
4 / 43	.2	.4	1.2	.6	.1		.1													25	25	93	59			
7 / 41	.1	1.1	1.5	.9	.7															35	35	87	71			
4 / 39		.4	1.6	.3	.1		.1													24	24	56	85			
7 / 37	.1	.3	.3																	7	7	46	96			
7 / 35		.2	.2																	4	4	23	107			
3 / 33		1.5																		14	14	11	93			
7 / 31	.4	.4																		8	8	19	92			
7 / 29	.2	.2																		4	4	6	59			
7 / 27																						2	47			
7 / 25																							35			
7 / 23																							11			
7 / 21																							17			
7 / 19																							20			
7 / 17																							9			
7 / 15																							10			
7 / 13																							11			
Element (X)	Σ X ¹	Σ X																		Mean No. of Hours with Temperature						
Rel. Hum.																				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) 1-64
 REVISIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695 SUCKLEY ANG3 CO

74-83

YEARS

MAY
MONTA

PAGE 2 ~~1077-2000~~
~~SECRET~~

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

4AY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
7 / 71								.1		.1		.1						3	3				
7 / 69								.1			.1	.1						3	3				
7 / 67									.4	.1								5	5				
6 / 65						.1		.4	.4	.3	.1							13	13				
4 / 63					.1	1.2	.1	.6	.1	.1								25	25				
7 / 61			.5	.3	.3	.9	1.0	1.0	.2									39	39				
7 / 59			.6	.6	1.0	1.0	1.1	.6	.3	.2								57	57				
7 / 57		.3	.5	1.3	1.6	1.6	1.6	.1	.1									66	66	2			
5 / 55		.1	.8	1.7	1.4	2.4	1.4	.9	.1	.1								82	82	7			
7 / 53		.2	1.0	2.6	2.3	2.3	.6	.4	.4	.1								91	91	20	1		
7 / 51		.5	1.7	2.6	2.7	1.2	1.0	.5	.2									92	92	50	9		
5 / 49		.6	1.6	3.0	1.6	1.6	.5	.6										89	89	90	18		
7 / 47		.4	2.3	2.3	2.5	1.0	.7	.1										81	81	109	21		
4 / 45		.5	2.3	3.2	1.4	1.0	.7	.1										81	81	136	41		
4 / 43	.2	.4	1.4	2.5	.8	.3	.1											53	53	116	68		
7 / 41		1.2	2.7	.5	.1	.1												37	37	99	64		
4 / 39		1.0	2.4	.3	.4	.2												40	40	120	90		
7 / 37		.2	1.4	.4		.1												20	20	89	31		
7 / 35		1.0	.2	.2														13	13	44	58		
3 / 33		1.3	.3		.1													16	16	27	116		
7 / 31	.3	1.2	.1															15	15	33	123		
7 / 29		.5																5	5	7	81		
7 / 27	.1																	1	1	7	34		
7 / 25																				1	46		
7 / 23																					7		
2 / 21																					12		
7 / 19																					17		
1 / 17																					15		
1 / 15																					3		
1 / 13																					3		
1 / 11																					6		
1 / 9																					3		
TOTAL	.6	4.3	17.8	21.1	15.0	13.2	9.2	7.6	4.0	1.5	.5	.7						927	927	927	927		
Element (X)	Σx'		Σx		Σ		Σ _a		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3461293		54299		50.618		0.21		927		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total
Dry Bulb	2413360		46716		50.4		7.990		927				2.1		1.1								93
Wet Bulb	1744744		39862		43.0		5.748		927				4.8										93
Dew Point	1188895		32443		35.0		7.598		927				13.1										93

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 LUCKLEY ANGR CO 74-83 MAY
STATION NAME YEARS MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
8/ 87													.0					1	1						
6/ 85													.0			.1		9	3						
4/ 83											.0				.1	.1		14	14						
2/ 81											.0	.0	.0	.1	.1	.1		34	34						
1/ 79										.0	.0	.1	.2	.3	.2	.0		59	59						
7/ 77										.1	.1	.2	.5	.2	.3			138	138						
6/ 75									.0	.1	.3	.7	.5	.3	.2			159	159						
4/ 73								.0	.3	.2	.5	.8	.4	.2				183	183						
1/ 71							.2	.3	.7	.7	.7	.7	.3	.2	.3			236	236						
1/ 69						.0	.2	.3	.7	.7	.7	.4	.3	.0				243	243						
6/ 67					.1	.1	.2	.3	.8	.8	.7	.3	.1					244	244						
6/ 65						.2	.5	.7	.8	.7	.4	.1						248	248						
4/ 63					.0	.3	1.0	1.0	.9	.6	.3	.1						339	339	4					
2/ 61				.1	.3	.4	1.0	1.0	.9	.4	.2	.0						346	346	5					
1/ 59		.0	.3	.5	.8	1.2	1.1	.6	.5	.1								378	378	31					
1/ 57		.1	.6	.7	.8	1.1	.8	.4	.2	.0								363	363	118					
5/ 55	.0	.4	.9	.8	1.2	1.1	.5	.3	.1									423	423	216					
4/ 53	.2	.5	1.2	1.5	1.5	.7	.4	.3	.0									468	468	441	6				
2/ 51	.4	.9	1.4	1.4	1.3	.7	.3	.2										498	498	658	46				
5/ 49	.4	1.2	2.0	1.3	1.0	.4	.3											495	495	735	121				
4/ 47	.6	1.8	1.8	1.5	.6	.3	.0											498	498	737	195				
4/ 45	.8	2.2	2.1	.9	.5	.1	.0											497	497	826	336				
4/ 43	.1	.9	1.6	1.8	.5	.2	.1	.0										398	398	771	415				
2/ 41	.3	1.1	1.8	1.2	.4	.1	.0											329	329	768	462				
40/ 39	.0	.9	2.1	.5	.2	.1	.0											247	287	646	660				
3/ 37	.0	.7	1.1	.3	.2	.0												170	170	538	712				
1/ 35	.0	.9	.5	.2	.0													122	122	347	766				
3/ 33	.1	1.4	.3	.1	.1													140	140	242	766				
2/ 31	.2	1.1	.2		.0													120	120	200	954				
2/ 29	.1	.2																22	22	115	493				
1/ 27	.1	.0																11	11	40	424				
2/ 25	.0																	3	3	11	334				
2/ 23																				1	138				
2/ 21	.0																	2	2	2	165				
Element (X)	Σ x ²		Σ x		Σ		Σ _h		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

GLOBAL CLIMATOLOGY BRANCH
SUPPLAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704895	BUCKLEY ANGB CO
STATION	STATION NAME

74-83

YEARS

42 Y
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1 / 1		.3																2	2	2	157			
1 / 17																					152			
1 / 15																					51			
1 / 13																					29			
1 / 11																					42			
1 / 9																					16			
1 / 7																					5			
TAL	.610	.014	.814	.310	.8	9.2	8.7	7.3	6.6	5.2	4.1	3.5	2.3	1.5	.9	.3		7433	7433	7433				
																		7433		7433				

2

2

73-82

YEARS

MONTH

PAGE 1 ~~3888-0222~~
HOMES IL 9-1-71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
79														.1				1	1												
78										.1		.1						2	2												
77							.1	.2	.3	.6	.2	.2						15	15												
76							.1	.7	.8	.1	.8							22	22												
75					.2		1.7	1.4	.8	.4								42	42												
74					.1	1.7	2.7	1.7	.7	.1	.2							58	58												
73				.2	.9	2.3	2.7	2.3	1.3	.3	.1							88	88												
72			.1	1.7	2.7	2.1	1.6	1.6	.7	.6		.1						95	95												
71		.3	1.2	1.9	2.6	2.4	1.6	1.0	.4	.2		.1						176	176	5											
70		.3	.8	2.2	2.1	1.8	.8	.1	.2									75	75	22	1										
69	.3	1.2	2.8	2.7	2.2	1.0	.9	.3	.1									173	173	98	11										
68	.7	1.4	2.7	.2	1.7	.2	.9	.1										77	77	112	16										
67	.3	1.1	1.9	1.6	.9	.9	.2											61	61	136	23										
66	.3	1.1	1.3	1.0	.6	.2	.1											50	50	131	69										
65	.9	1.2	.9	.7	.1	.1												35	35	108	84										
64	.2	1.5	.4	.2	.2	.1												25	25	86	91										
63	.6	.9		.2														17	17	74	91										
62	1.2	.9	.1															23	23	54	86										
61	.2	.1		.1	.1													5	5	50	103										
60	.1	.2																3	3	11	77										
59																				5	51										
58																				1	83										
57																				1	36										
56																				1	23										
55																					9										
54																					12										
53																					17										
52																					12										
51																					5										
50																					1										
49																					3										
48																					1										
47																					2										
																						Mean No. of Hours with Temperature									
Element (X)	Σ X ²	Σ X	X̄	s _e	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Rel. Hum.																															
Dry Bulb																															
Wet Bulb																															
Dew Point																															

USAFETAC FORM 0-26-5 (OL A)
JUL 44
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17495	BUCKLEY AND CO
STATION	STATION NAME

73-52

YEARS

239

PAGE 2 1000-0250
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
71 F		5.9	1.9	16.8	16.2	16.1	12.0	11.7	5.7	2.6	1.3	.6		.1				900		900	900			
																		900		900				

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

126195 WICKLEY AVENUE CO

73-62

YEARS

MONTH

PAGE 1 ~~2322-35~~
HOURS (L. S. P.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

724195	BUCKLEY ANG B CO
STATION	STATION NAME

77-2、

YEARS

200
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

73-62

YEARS

MONTH

PAGE 2 ~~2632-0830~~
HOURS (L.S.P.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
1 / 17																						1	
1 / 15																						1	
1 / 13																						1	
TAL		3.9	8.4	12.1	14.1	14.1	13.2	11.2	8.9	4.6	4.3	2.8	1.0	.5	.5				900	900		900	

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 1041

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
AFETAC
A - WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74095 BUCKLEY AVEB CO
STATION STA

73-82

YEARS

MONTE

PAGE 1

2922-1123
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
47 95																.1	.3	.1	1	1				
47 91																	.3	.1	.3	5	5			
47 86															.1	.3	.1	.3	8	8				
47 87												.1	.2	.5	.7	.9	.2	27	27					
47 85												.2	.7	1.0	1.2	1.3	.7	46	46					
47 82												.9	1.4	1.7	1.3	1.1	.1	59	59					
47 81										.1	.3	1.0	1.2	1.5	1.6	1.3	.2	63	63					
47 79								.1	.1	.5	1.1	1.6	1.4	.8	.3	.1		57	57					
7 77							.2	.4	1.0	1.7	1.4	.9	.6	.4				60	60					
47 75							.7	1.3	1.7	2.1	.9	.7	.3	.1				71	71					
47 73						.2	1.2	1.3	1.2	.4	.9	.9	.2					64	64					
47 71					.1	.3	1.1	1.4	2.0	1.2	1.5	.2	.4					71	71					
47 69						.6	1.4	.7	.9	1.1	.2	.2	.3					49	49					
47 67				.1	.7	1.0	1.1	1.1	1.1	.9	.6	.3						61	61					
47 65				.3	.5	1.1	.8	1.0	1.1	.3	.2							52	52	5				
47 63			.1	.1	1.1	.6	.4	1.2	.4	1.1	.1							51	51	25				
47 61			.1	.1	1.1	.8	.6	.7	1.3									41	41	75				
47 59			.1	.1	.7	.3	.4	.6	.3	.2	.1							26	26	126				
47 57				.3	.3	.6	.2			.1								14	14	149	8			
5 55				.2	.0	.1	.3	.2		.1								16	16	160	19			
47 52			.2	.2	.1	.3	.2											10	10	91	26			
47 51			.6	.3	.2													10	10	90	50			
47 47			.5		.2													7	7	59	60			
47 47			.7	.6		.1												12	12	44	67			
47 45			.3															3	3	42	61			
47 43		.4	.2															6	6	22	89			
47 41		.3	.1															4	4	12	75			
47 39		.7																6	6	9	77			
47 37																				6	77			
47 35																					65			
3 33																					39			
27 31																					46			
2 29																								

PSYCHROMETRIC SUMMARY

STATION NAME

73-82

YEARS

MONTH

PAGE 2 ~~39-57-1103~~
HOURS L. S. Y. P.

[illegible]

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 8-14

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

124395	BICKLEY ANG8 CO
STATION	STATION NAME

73-62

YEARS

Monte

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

_____ MONTH

PAGE 7 1200-1400
MONTANA STATE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7/ 25																					52
7/ 27																					36
7/ 25																					18
7/ 23																					13
7/ 21																					11
7/ 19																					2
7/ 17																					4
7/ 15																					5
7/ 13																					3
7/ 11																					1
TOTAL		.9	2.7	1.5	2.1	2.6	4.6	5.7	6.2	8.3	10.3	9.9	9.2	8.0	7.4	9.9	11.7		900		900
																			900		900

Element (X)	Σ X'	Σ X	X̄	s _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	13102.1	26235	29.2	16.527	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	589241.1	69586	77.3	10.979	900			77.8	58.7	43.8	2.2	6.3
Wet Bulb	252605	50455	56.1	5.171	900							9.0
Dew Point	1880896	35170	39.1	8.603	900		23.2					8.0

GLOBAL CLIMATOLOGY BRANCH
METAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

174895 BUCKLEY ANGRO CO

73-82

44
MONTH

PAGE 1

1500-1700
HOURS 11. 5. 7.1

[illegible]

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PSYCHROMETRIC SUMMARY

73-82

YEARS

JULY
MONTH

PAGE 2 ~~1500-1700~~
HOURS (U. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ 27																						33		
/ 25																						28		
/ 23																						19		
/ 21																						12		
/ 19																						13		
/ 17																						10		
/ 15																						8		
/ 13																						3		
TAL	.1	1.6	1.9	3.1	2.7	3.3	2.6	6.2	6.1	9.6	10.3	9.7	10.2	9.3	6.9	5.1	12.7			900		975		

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

764595	BUCKLEY ANGE CO
STATION	STATION NAME

73-82

YEARS

JUN
MONTH

PAGE 1 1610-2230
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

124595 BUCKLEY ANGR CO

73-82

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-27.0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
77																					3	3		
76									.1	.1	.2	.2	.3	.1							10	10		
75									.1	.3	.4	1.0	.4	.2	.1						24	24		
74									.7	.6	.6	.8	.2								28	28		
73					.1	.2	.2	.2	2.0	.7			.1	.1							47	47		
72					.2	1.1	2.1	1.7	1.6	.8	.1	.1									69	69		
71				.1	.4	.6	2.6	1.9	2.6	.7	.2										81	81		
70				.3	1.7	2.6	1.3	1.3	.4	.2	.2	.1									91	91		
69			.1	1.2	1.7	2.4	2.6	1.6	1.0	.3	.2										101	101	2	
68			.2	1.7	2.3	2.9	2.4	1.4	.4	.4	.1										111	111	9	
67		.1	.4	1.2	2.3	2.7	1.6	.9	1.2	.4											92	92	24	1
66		.4	1.7	1.3	1.1	1.7	.7	.3													59	59	61	4
65		.1	1.1	1.4	1.3	.7	.7	.2													50	50	146	10
64			.3	.7	.7	.8	.7														28	28	142	18
63		.3	.4	.9	.8	.3	.2		.1												27	27	154	47
62		.1	1.3	.6	.4	.2	.2	.2													29	29	114	71
61		.6	1.6	.3			.1														23	23	55	61
60		.1	.9	.3																	11	11	69	132
59		1.2	.9																		16	16	62	97
58		.3	.3																		5	5	40	63
57		.2	.1																		3	3	10	14
56																							6	99
55																							4	45
54																								38
53																								35
52																								11
51																								10
50																								14
49																								10
48																								11
47																								9
46																								1
45																								0
44																								5
Element (X)	ΣX^2		ΣX		Σ		σ_X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A)
USAFETAC
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-82

YEARS

MONTH

PAGE 1

ALL
MORSE L S Y

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
REPLACES PREVIOUS EDITIONS. 1 FIRST PRINTING APR 1982. 11772

SIGNAL CLIMATOLOGY BRANCH
 PACFLTAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

12495 WICKLEY ANGEL CO
STATION STATION NAME

72-82

YEARS

MONTH

2430

ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 31																					3	3.2													
/ 30																					2	2.2													
/ 27																						1.5													
/ 25																						1.7													
/ 23																						.9													
/ 21																						.9													
/ 17																						.5													
/ 15																						.1													
/ 13																						.1													
/ 11																						.1													
/ 7																						.1													
TOTAL		1.0	1.7	1.8	7.9	2.9	4.9	4.9	2.7	8.6	3.6	4.5	3.4	5.3	3.7	2.9	2.7	3.4		72.3		72.3													
																				7200		7200													

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	16774117	315.23	43.20	363	7200	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	Total
Dry Bulb	3272567	4784.3	66.44	2.277	7200			339.8	129.3	124.5	3.9	720
Wet Bulb	1942553	3767.68	52.31	6.166	7200			.1				720
Dew Point	12154072	2994.50	41.59	8.150	7200		112.1					720

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

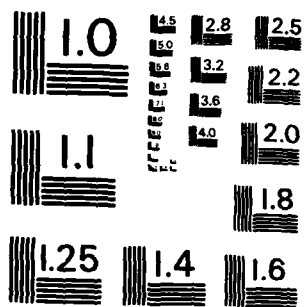
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UNCLASSIFIED

BUCKLEY ANGB COLORADO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 19 SEP 83
USAFETAC/DS-83/040 SBI-AD-E850 423 F/G 4/2

5/6

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595
STATION

BUCKLEY ANG B CO
STATION NAME

73-82
YEARS

JUL
MONTH

PAGE 1

7000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
7 / 77										.1	.1	.2									4	4		
6 / 75										.2	.4	.1									6	8		
4 / 73							.1	.1	.3	.5	.9	.3									21	21		
3 / 71						.2		1.4	.9	2.4	1.1	.1									56	56		
2 / 69					.5	1.1	2.7	2.6	.8	.5					.1						60	60		
1 / 67					.7	1.3	3.1	3.3	1.7	.5	.2										103	103		
6 / 65				1.0	2.2	1.9	3.7	2.8	.6	.4	.1										127	127		
5 / 63			.8	1.5	4.6	3.9	3.5	2.2		.1											154	154	2	
4 / 61		.1	1.9	4.5	4.7	2.8	1.2	.6		.1	.1										152	152	6	
3 / 59		1.2	2.2	3.0	3.7	2.0	.5	.1	.1												115	115	50	4
2 / 57		.2	1.9	1.2	1.1	.2	.1	.1													44	44	142	14
5 / 55		.4	1.3	1.1	.1	.2															29	29	222	48
4 / 53		.5	1.1	.2																	17	17	235	78
3 / 51		.9	.4	.2	.1																15	15	152	93
2 / 49			.5																		5	5	76	133
1 / 47																							22	93
4 / 45																							9	129
4 / 43																						4	103	
2 / 41																								84
1 / 39																								50
2 / 37																								34
1 / 35																								32
3 / 33																								12
2 / 31																								9
1 / 29																								2
1 / 27																								3
1 / 25																								1
1 / 1																								5
TOTAL		7.3	10.1	13.7	17.3	13.1	13.3	13.3	6.2	5.3	3.4	.2	.1								930	930	930	930
Element (X)	Σ x'	Σ x	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature									Total									
Rel. Hum.	3106209	51503	55.4	16.535	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					Total								
Dry Bulb	3015419	59385	63.9	5.019	930			27.2	3.3							93								
Wet Bulb	2727456	50284	54.1	3.053	930											93								
Dew Point	2027996	43764	46.3	6.041	930		1.8									93								

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-82

YEARS

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695 BUCKLEY ANGB CO
STATION STATION NAME

73-82

YEARS

JUL
MONTH

PAGE 1 2622-2822
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
87/ 87																.1		1	1						
86/ 86														.3	.2	.1		4	4						
85/ 85													.5	.5	.1			6	6						
84/ 84												.6	.5	.5	.1			19	19						
83/ 83									.1	.2	.2	.9	1.0	.6	.1			26	26						
82/ 82								.1	.2	1.0	.9	1.3	.2	.1				35	35						
81/ 81							.2	1.3	1.8	1.5	.4			.1				50	50						
80/ 80						.7	1.0	2.0	2.0	.9	.1	.1						66	66						
79/ 79					.1	.4	1.7	2.4	2.7	1.5	.5	.1						88	88						
78/ 78				.4	1.6	1.8	3.1	1.4	.5	.2								65	65						
77/ 77				.2	1.2	1.4	3.7	1.3	1.5	.3								84	84						
76/ 76			.1	1.3	2.5	3.9	2.7	3.0	.2	.1	.2							130	130						
75/ 75			.6	2.2	3.8	2.4	2.5	.4	.1									111	111	5					
74/ 74		.4	1.9	2.9	2.5	1.5	1.3	.1										99	99	42					
73/ 73	.2	.5	.8	1.6	1.9	.3	.1	.2										53	53	129	5				
72/ 72	.2	.5	.5	1.6	1.3													39	39	270	23				
71/ 71			.9	.3	.4													15	15	217	58				
70/ 70		.6	.3															9	9	143	71				
69/ 69		.4	.1															5	5	112	97				
68/ 68			.5															5	5	39	126				
67/ 67																				9	132				
66/ 66																				4	121				
65/ 65																					90				
64/ 64																					61				
63/ 63																					62				
62/ 62																					33				
61/ 61																					15				
60/ 60																					5				
59/ 59																					7				
58/ 58																					2				
57/ 57																					2				
56/ 56																					1				
55/ 55																					1				
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY ANG B CO
STATION STATION NAME

73-82

YEARS

MONTH

PAGE 2 ~~0625-3800~~
HOURS 11.5.11

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74695
STATIONBUCKLEY ANG CO
STATION NAME

73-82

YEARS

JUL
MONTH

PAGE 1

0975-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
0 / 99																	.1	1	1						
1 / 97																	.1	1	1						
2 / 95																	.5	5	5						
3 / 92																.2	.3	9	9						
4 / 91														.1	.1	.3	1.3	17	17						
5 / 89													.1	1.1	2.0	1.2	47	47							
6 / 87												.2	1.6	1.6	1.7	.3	55	55							
7 / 85									.7	.9	1.8	3.3	2.9	1.3	.1		99	99							
8 / 83								.4	.6	1.4	3.2	2.0	.9	.1			91	81							
9 / 81							.1	.5	1.8	5.1	3.0	.4					1.2	102							
10 / 79							.2	.4	1.4	3.7	1.7	.2	.1				72	72							
11 / 77							.9	1.7	3.3	2.6	1.1	.1	.2				94	94							
12 / 75						.1	.4	1.3	2.2	2.3	1.0	.1	.1				69	69							
13 / 73					.1	.3	1.5	1.5	2.2	.8	.4	.1					62	62							
14 / 71					.7	1.3	1.7	.8	.1		.1						56	66							
15 / 69					.7	1.3	1.7	.8	.1		.1						40	40							
16 / 67				.2	1.2	1.1	1.3	.3		.1							39	39			4				
17 / 65			.1	.3	1.7	.4	.4	.2									30	30			13				
18 / 63			.1	.5	.4	.6	.3										19	19			76				
19 / 61			.1	.3	.5												10	10			196				
20 / 59				.1	.1												2	2			313				
21 / 57			.2	.3													5	5			212				
22 / 55			.2		.1												3	3			75				
23 / 53			.1														1	1			29				
24 / 51			.1														1	1			7				
25 / 49																					4				
26 / 47																					1				
27 / 45																									
28 / 43																									
29 / 41																									
30 / 39																									
31 / 37																									
32 / 35																									
33 / 33																									
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

724595 ECKLEY ANGB CO
STATION STATION NAME

73-82

YEARS

Bill
MONTA

PAGE 2 1970-11-20
HOURS 11.5.1

YEARS

724595	BUCKLEY ANGB CO
STATION	STATION NAME

73-82

MONTH

PAGE 1 1270-1430
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
103																		.1	1	1															
99																		.5	5	5															
97																		1.4	13	13															
95																		2.9	27	27															
93																	.1	1.1	54	54															
91																	.8	1.8	68	68															
89												.1	.1	1.4	2.4	4.3	4.4	115	115																
87											.2	.4	1.2	3.1	3.3	2.3	1.4	111	111																
85											.5	1.5	2.9	3.5	2.2	1.4		113	113																
83									.1	.1	1.9	2.4	2.9	1.8	.5	.2		94	94																
81									.5	1.3	3.9	2.3	1.9	.5				94	94																
79								.4	.9	1.7	1.4	1.3	.3					56	56																
77							.1	.5	.8	1.9	1.5	.3	.2					50	50																
75						.1	.2	.8	1.2	.8	.2	.2						32	32																
73							.5	1.2	.2	.2								21	21																
71					.1	.5	1.6	.3	.2	.1								27	27																
69						.9	.5	.4	.2									23	20																
67					.2	.1	.5	.1	.1									7	7	5															
65			.1	.1	.2	.5		.1										10	10	37															
63				.2	.1													3	3	140															
61				.1	.1		.1											3	3	257															
59				.1		.1												2	2	277	7														
57				.3	.1													4	4	158	14														
55																				43	34														
53																				9	57														
51																				2	68														
49																					2														
47																																			
45																																			
43																																			
41																																			
39																																			
37																																			
35																																			
Element (X)	Σ X²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC
FORM 0-26-5 (OLA)
REV. 11-64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY ANGB CO
STATION STATION NAME

73-82

YEARS

PAGE 2 ~~1277-14-C~~
HOURS 11. 3. 7. 1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
3 / 32																					42
4 / 31																					41
5 / 29																					39
6 / 27																					37
TAL		.1	.9	.9	2.3	3.7	3.8	4.2	6.1	9.7	8.3	9.5	10.4	9.4	10.8	10.1		930	937	930	932

GLOBAL CLIMATOLOGY BRANCH
METAC
4. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695	BUCKLEY ANGB CO
STATION	STATION NAME

73-82

YEARS

MONTH _____

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
107																		.2	2	2				
103																		.1	1	1				
99																		.4	4	4				
97																		1.7	16	16				
95																		2.0	19	19				
93																	.1	4.3	41	41				
91														.1	.9	1.4	5.6	74	74					
89														.4	2.2	1.8	2.8	67	67					
87												1.0	2.2	3.1	3.7	1.2	133	103						
85										.1	.3	1.9	3.2	4.4	2.0	.8	119	119						
83										.1	1.3	2.3	1.2	2.5	.9		75	75						
81									.5	.4	1.5	2.4	2.3	.6			74	74						
79							.1	.1	1.1	.9	1.8	2.2	.4	.1			62	62						
77								.9	1.1	2.4	.6	.6	.1				54	54						
75								.4	1.4	1.6	.9	.2	.3				45	45						
73						.2	.4	1.2	1.0	.6	.5						37	37						
71					.3	.8	1.3	1.3	.6	.1		.1					42	42						
69				.1	.4	1.1	1.3	.4	.1								32	32						
67				.2	.5	.8	.4										18	18	2					
65			.1	.4	1.0	.2											16	16	14					
63	.1	.1	.9	.2													14	14	125					
61		.5	.1	.5													11	11	226	2				
59		.1															1	1	281	8				
57			.1														1	1	228	22				
55		.2															2	2	39	47				
53																			7	62				
51																			8	57				
49																				92				
47																				76				
45																				82				
43																				79				
41																				71				
39																				66				
37																				54				
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695 BUCKLEY ANG8 CO
STATION STATION NAME

73-82

YEARS

111
MONTH

PAGE 2 ~~1500-1700~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
 MACFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595	BUCKLEY ANGB CO
STATION	STATION NAME

73-62

YEARS

MONTH

PAGE 1 1811-2001
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
97																	.2	2	2																
95																	.1	1	1																
93																	.4	4	4																
91																.1	1.3	13	13																
89															.1	.6	1.4	20	20																
87												.1	.1	.3	.5	1.5	.6	32	32																
85													1.3	1.3	1.6	.6	.2	49	49																
83										.1	.1	1.1	1.3	2.3	1.3	.3		57	57																
81										.5	1.7	2.0	2.5	1.1	.4	.2		79	79																
79								.4	.1	1.3	1.7	2.2	1.5	.5	.1			73	73																
77							.1	.3	.8	3.2	2.5	1.9	.8	.1				90	90																
75							.3	1.2	1.9	3.2	1.5	.4	.1	.1				82	82																
73						.2	1.0	1.8	2.8	1.2	1.5	.2						81	81																
71					.2	1.3	1.7	2.5	1.9	1.7	.1							81	81																
69				.1	.4	1.3	2.6	1.6	.8	.2								65	65																
67			.9	.9	1.1	1.1	1.1	1.1	.2									48	49																
65				1.1	1.4	1.2	1.0	.2	.7									46	46	11															
63		.1	.8	1.6	2.3	.9	.1											51	51	26	1														
61		.1	1.2	1.3	.2	.3	.1											30	30	134															
59		.3	.1	.6	.1	.2												13	13	232	9														
57		.1	.4	.3														8	8	287	29														
55		.2	.3			.1												6	6	158	60														
53																				59	67														
51																				19	93														
49																				3	94														
47																					126														
45																				1	115														
43																					70														
41																					52														
39																					65														
37																					47														
35																					43														
33																					22														
31																					27														
Element (X)	ΣX^2				ΣX				\bar{X}				σ_X				No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

GLOBAL CLIMATOLOGY BRANCH
CLAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY ANG B CO
STATION STATION NAME

73-82

YEARS

MONTANA

PAGE 7 ~~1800-2000~~
HOURS (1-3-1)

[illegible]

PSYCHROMETRIC SUMMARY

7.4895	BUCKLEY ANG B CO
STATION	STATION NAME

73-62

YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
C/O METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 SUCKLEY ANGR CO
STATION STA

73-62

YEARS

Full
MONTH

PAGE 2 2133-2333
HOURS (L.S.T.)

YEARS _____ MONTH 11
 PAGE 1 HOURS ALL (L. S. T.)

704895	BUCKLEY ANG R CO
STATION	STATION NAME

73-82

YEARS

22 MONTH

PAGE 1

ALL

HOURS 11, 5, 7.

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-S (OL A)

USAFETAC

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAD

PSYCHROMETRIC SUMMARY

STATION 104995 JACKLEY AFB CO STATION NAME

73-82

YEARS

JUL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 35																																				315
/ 33																																				165
/ 31																																				215
/ 29																																				95
/ 27																																				51
/ 25																																				17
/ 23																																				1
/ 21																																				4
/ 19																																				15
/ 17																																				3
TAL	.1	1.9	5.0	7.0	9.7	8.8	9.5	9.0	6.0	7.0	6.5	5.6	4.9	4.7	3.7	3.5	6.0																	7440	7440	
																																			7440	7440

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	
Rel. Hum.	16766651	319913	83.00	118	7440							
Dry Bulb	40026153	539855	72.65	712	7440			879.2	338.6	215.8	23.6	744
Wet Bulb	2423134	823598	56.9	3910	7440			1.1				744
Dew Point	15686007	337695	45.8	6080	7440		39.1					744

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CLIMAT CLIMATOLOGY BRANCH
WAFETAC
AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

224895
STATION

BUCKLEY ANGR CO
STATION NAME

73-82
YEARS

1973
MONTH

PAGE 1 2000-2200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
7 / 77										.7								3	3								
7 / 75							.1	.1	.1	.4	.1		.1					9	9								
4 / 72									.1	.2	.1							6	6								
7 / 71								1.0	.8	.4	.1							26	26								
7 / 69				.1		.5	1.4	1.5	1.3	.6	.1							52	52								
6 / 67				.1	.3	1.0	2.0	1.7	1.4	.3	.1							61	61								
6 / 65			.1	.2	1.2	2.2	3.4	2.3	.5	.3								95	95								
4 / 63		.2	.5	.8	3.4	3.1	3.3	1.7	1.5		.1							139	138					2			
7 / 61		.8	1.3	4.0	5.3	3.9	2.0	1.2	.5	.1								186	186					8			
7 / 59		.5	1.0	3.7	3.3	2.3	1.2	.2	.2									115	115					44	11		
7 / 57		1.2	1.5	4.5	1.8	1.2	.3	.3										102	102					92	15		
5 / 55		1.4	2.7	1.9	.8	.4	.1	.1										63	63					176	23		
4 / 52	.1	.9	2.2	.8	.5	.5	.5											49	49					208	57		
7 / 51		.6	.6	.2	.3	.1												16	16					189	64		
7 / 49		.2	.1															3	3					117	142		
6 / 47		.3																3	3					60	139		
4 / 45	.1																	1	1					19	143		
4 / 43																								13	56		
7 / 41																								2	60		
4 / 39																										55	
7 / 37																										32	
7 / 35																										24	
3 / 33																										20	
7 / 31																										13	
7 / 29																										6	
7 / 27																										5	
7 / 25																										1	
7 / 21																										1	
TAL	.2	4.1	10.4	16.3	17.0	15.2	14.3	9.9	6.5	2.8	.5		.1					930	930					930		930	
Element (X)	Σx²		Σx		x̄		σ²		No. Obs.		Mean No. of Hours with Temperature										Total						
Rel. Hum.	3410221		54203		58.3		16.441		930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	3574145		57461		61.8		5.268		930				15.7	1.2									93				
Wet Bulb	2526185		49311		53.0		3.532		930														93				
Dew Point	1995179		42699		45.9		6.115		930				2.8										93				

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 SUCKLEY ANGE CO

73-82

AUG
MONTH

STATION

STATION NAME

YEARS

PAGE 1

7600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
4 / 83													.2			.1		3	3					
5 / 81											.1	.2	.2					5	5					
6 / 79										.2	.3	.1	.1					9	9					
7 / 77									.3	.5	1.0	.4	.2					23	23					
8 / 75								.2	.3	1.2	1.0	.3	.1					29	29					
9 / 73						.1	.1	.2	.2	1.2	.4	.1						26	26					
10 / 71						.1	1.2	2.0	1.7	.4	.1							58	58					
11 / 69				.1	.4	2.6	2.5	1.7	.4	.2								70	70					
12 / 67		.1	.1	.2	1.9	1.9	2.5	1.8	.3	.1								82	82					
13 / 65		.2	.4	1.2	3.0	2.9	1.7	.5	.2	.1								95	95					
14 / 63		.1	.2	1.0	2.4	3.2	2.7	1.1	.9									104	105	3				
15 / 61		.3	1.7	1.5	3.2	2.9	1.4	.2	.1									107	107	16	2			
16 / 59	.1	.5	1.6	2.9	2.7	1.3	.4	.3										93	93	59	9			
17 / 57		1.0	1.0	1.5	2.3	1.0	.4	.2										68	68	139	3			
18 / 55	.1	1.5	1.8	1.8	.9	.4	.2											63	63	186	36			
19 / 53		.9	2.4	1.1	.3	.3	.7											49	49	186	52			
20 / 51	.2	.9	.3	.5	.1	.1	.1											24	24	146	84			
21 / 49	.2	.3	.4	.1	.2	.1												13	13	109	119			
22 / 47		.2	.2	.1	.1	.1												7	7	42	128			
23 / 45		.1																1	1	23	160			
24 / 43																				12	68			
25 / 41																				7	94			
26 / 39																					64			
27 / 37																				1	31			
28 / 35																					25			
29 / 33																					13			
30 / 31																					16			
31 / 29																					9			
32 / 27																					5			
33 / 25																					1			
TOTAL	.6	5.7	10.0	11.1	13.0	14.7	14.0	10.2	8.6	5.8	3.6	1.4	1.0	.1	.1			929	929	929	929			
Element (X)	Σx'		Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.	3118778		51168		55.1		17.995		929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	3805241		59133		63.6		6.986		930				30.5	9.5	1.3						93			
Wet Bulb	2679812		49766		53.6		3.867		929												93			
Dew Point	1971437		42439		45.7		5.938		929			3.1									93			

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
METAC
A WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY ANGR CO
STATION STATION NAME

73-82

YEARS

AUG
MONTH

PAGE 1

~~CONFIDENTIAL~~

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM 100-100

GLOBAL CLIMATOLOGY BRANCH
NAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724195	JUCKLEY ANG3 CO
STATION	STATION NAME

73-82

YEARS

AUG
MONTH

PAGE 2 1920-11-03
HOURS (L. S. T.)

[illegible]

2

YEARS

73-82

1400

PAGE 1 ~~1210-1400~~
HOURS (L. S. V.)

USAFETAC
FORM
JA 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 STATION BUCKLEY ANG3 CO
STATION NAME

73-82

YEARS

AME
MONTH

PAGE 7 1220-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
3 / 33																								54
2 / 31																								43
1 / 29																								34
0 / 27																								13
2 / 25																								7
1 / 23																								1
2 / 21																								1
TOTAL	1.0	1.0	1.3	1.0	2.2	3.0	5.1	5.6	7.1	8.6	11.3	10.2	10.9	10.6	9.9	10.3						930	930	930

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10011.7	26909	28.9	15.479	930							
Dry Bulb	6153532	75520	81.2	8.102	930			97.3	80.1	62.4	3.9	93
Wet Bulb	3252070	54924	59.1	3.158	930			1.7				93
Dew Point	1763205	39859	42.9	7.686	930		9.9					93

GLOBAL CLIMATOLOGY BRANCH
METETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY ANSB CO
STATION STATION NAME

73-62

YEARS

115
MONTH

PAGE 1 1500-1700
HOURS (L.S. & C.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

174695	BUCKLEY ANGR CO
STATION	STATION NAME

73-6?

YEARS

ALL
MOUTH

PAGE 2 1522-1722
HOURS (L. S. T.)

[illegible]

CELESTIAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

104195	BUCKLEY ANG B CO
STATION	STATION NAME

73-82

YEARS

MONTH

2025 2

10-15-2010
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
/ 25																							
/ 22																							
/ 21																							
927	1.8	2.7	5.7	7.2	6.6	10.7	10.9	11.0	10.7	6.2	3.5	6.4	4.4	2.7	1.6	.2		927		927	927		
																		</					

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100-157243

A. LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

124595	BUCKLEY ANGB CO
STATION	STATION NAME

73-82

YEARS

A-15
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 75												.1						2	2																
1 / 71											.1	.1						2	2																
1 / 79											.1	.3	.1					5	5																
7 / 77								.1	.2	.4	.1	.4	.2					14	14																
5 / 75							.1	1.1	1.0	.5	.4	.2						34	34																
4 / 73						.1	.2	1.0	.9	1.1	.5	.5		.1				43	43																
1 / 71							.1	1.6	1.7	1.8	1.2	.2						67	67																
1 / 69							1.8	2.7	2.2	2.5	1.4	.3						67	87																
1 / 67				.1	.5	2.9	3.3	3.5	1.1	.4	.2	.1						115	115																
6 / 65			.4	.3	2.2	3.4	3.4	2.4	1.2	.2	.1							127	127																
4 / 63		.3	1.4	1.0	4.3	4.4	2.6	1.4	.9	.3								159	159	5															
1 / 61		.2	.8	2.7	2.3	2.3	.8	.3	.2									3	93	21	3														
1 / 59		.1	1.4	3.1	1.5	.6	.3	.1	.2									66	69	96	5														
1 / 57		1.1	.3	2.2	.1	.3	.3											46	45	131	20														
5 / 55	.2	.5	.9	1.7	.2		.1											33	33	233	36														
4 / 53		.8	1.2															16	18	226	52														
1 / 51		.3	.4	.2														9	9	138	111														
1 / 49		.4	.2															6	6	79	142														
1 / 47		.2																2	2	16	126														
4 / 45																				13	121														
4 / 43																				4	84														
1 / 41																					71														
1 / 39																					44														
1 / 37																					36														
1 / 35																					33														
3 / 33																					14														
1 / 31																					12														
1 / 29																					4														
1 / 27																					5														
1 / 25																					4														
1 / 23																					1														
2 / 21																					1														
TAL	.2	4.3	6.7	11.4	12.5	15.1	13.4	9.4	6.7	3.4	2.4	.5	.1					930	930	930	930														
Element (X)	Σx'	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	25713.9	49152	52.2	7.136	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3987713	62655	65.2	5.846	930			36.9	17.2	.6		23																							
Wet Bulb	2773543	56691	59.5	3.371	930							53																							
Dew Point	2017661	42223	46.2	6.277	930		2.7																												

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OLA)

USAFETAC

2

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724.95 STATION HICKLEY ANG8 CO 73-82 YEARS 315 MONTH

PAGE 7 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																					TOTAL D.B./W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
3 / 33																																					724		
2 / 31																																					175		
1 / 25																																					117		
1 / 27																																					62		
1 / 25																																					2		
1 / 23																																					6		
2 / 21																																					5		
TOTAL	2	3	3	5	9	8	4	9	3	9	6	10	1	9	7	7	6	6	6	5	7	5	1	4	6	4	2	3	6	2	7	3	7		7440	7435			
																																				7435	7435		

Element (X)	Σ x ¹	Σ x	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	12800542	39.758	45.675	693	7435	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	37113735	519467	69.812	652	744			418.1	293.7	167.4	7.6	744
Wet Bulb	2315258	413708	55.64	327	7435			2.7				744
Dew Point	1432858	333774	44.44	770	7435		30.3					744

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

74695	BUCKLEY ANGUS CO
STATION	STATION NAME

73-42

SEP
MONTA

PAGE 1 2020-2222
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
75											.1							1	1		
70							.1	.2		.6	.3	.1						13	17		
65					.2				.6	.5	.2							24	24		
60				.3	.8	.3	.6	1.7	.4									31	31		
55			.4	.6	1.0	.6	1.0	.9	1.6	.3	.1							53	53		
50		.9	1.7	2.4	2.0	3.2	1.3	.3										95	95	1	
45	.2	1.6	3.0	1.2	1.7	2.1	.9											99	99	4	
40	.5	2.3	2.2	1.0	1.7	1.3	.3											62	62	6	
35	.2	1.4	1.9	.8	1.2	1.0	1.0											73	73	39	1
30	.1	.8	1.4	2.4	2.1	1.2	1.7	.4										71	91	63	10
25	.2	1.2	1.4	1.3	1.0	1.6	1.0	.3										73	73	129	32
20		1.7	1.4	.9	1.4	1.7	.8	.3	.1									73	73	123	44
15		.6	2.9	.6	.9	.7	.2	.3										59	59	173	66
10	.1	.6	1.8	.1	1.1	1.1	.1											44	44	110	82
5		1.3	.9	.2	.6													31	31	97	77
0		.4	.9	.2	.3	.1												18	18	92	61
-5	.1	.9	.7	.1	.2													19	19	53	69
-10		.7	.6															11	11	34	79
-15		.2	.2															4	4	35	70
-20		.3																3	3	12	51
-25		.3																3	3	6	69
-30																				3	62
-35																					24
-40																					35
-45																					10
-50																					13
-55																					10
-60																					2
-65																					1
TAL	.6	9.715	7.712	2.215	6.713	7.717	10.4	6.3	2.0	.5								900	900	900	900
																		900		900	
Element (X)	ΣX²	ΣX	X	σx	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	323.169	51203	56.218	7.61	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	2736.10	49156	54.6	7.540	900		.3	3.8	.1			90									
Wet Bulb	19624.6	41714	46.3	5.680	900		.9					90									
Dew Point	1371181	34349	38.2	9.185	900		23.8					90									

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
J. STETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74595	JUCKLEY ANGEL CO
STATION	STATION NAME

73-62

YEARS

SEP
MONTH

PAGE 1 2570-2573
HOURS 11.5.70

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
/ 69									.1			.1						2	2																
/ 67								.2		.1	.2							5	5																
/ 65					.1	.3	.1	.4	.4	.1								14	14																
/ 63				.2	.1	.2	.7	1.6	1.0	1.0	.1							44	44																
/ 61			.1	.3	.3	1.3	1.7	1.7	.6	.7								55	55																
/ 59		.1	.3	.4	1.3	1.7	1.8	2.2	.3	.1								61	61																
/ 57		.4	.6	1.3	2.1	1.2	1.3	1.7	.4									82	82	4															
/ 55		.4	2.2	1.1	1.7	2.2	1.8	.8										88	88	19															
/ 53		1.3	1.3	1.4	1.4	1.0	1.0	.4										93	93	39	11														
/ 51		.8	2.3	1.9	2.3	1.9	.9	.4										93	93	93	21														
/ 49		.7	1.4	1.3	1.4	.9	2.1	.1	.3									75	75	118	42														
/ 47		.3	1.0	1.2	1.5	1.2	1.2	.1	.1	.2								64	64	136	49														
/ 45		.9	2.9	1.1	1.2	1.1	.1											66	66	121	55														
/ 43	.1	1.5	.2	.7	.3	.5												41	41	112	75														
/ 41	.2	1.0	.9															35	35	100	74														
/ 39	.2	.7	.2	.3														23	23	56	87														
/ 37	.1	.5	.2	.2														13	13	50	95														
/ 35	1.0	.2			.2													13	13	30	85														
/ 33	.2	.1																3	3	23	44														
/ 31	.3																	3	3	10	79														
/ 29	.2																	3	3	5	45														
/ 27																				1	22														
/ 25																					23														
/ 23																					12														
/ 21																					12														
/ 19																					11														
/ 17																					8														
/ 15																					2														
/ 13																					1														
/ 11																					1														
/ 9																					1														
TOTAL	1.5	12.6	16.0	14.2	15.1	14.7	10.1	9.3	3.1	1.7	.2							900	938		900														

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	352.199	539.5	59.818	16	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	250.971	47.77	52.3	7.267	900		.6	.7				9.3
Wet Bulb	1.47567	8.467	45.2	5.616	900			1.9				9.3
Dew Point	1316.72	33654	37.4	8.262	900			25.5				9.3

GLOBAL CLIMATOLOGY BRANCH
METAC
A. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724495 . BUCKLEY ANGRO CO
STATION STA

73-82

YEARS

SEP
MONTH

PAGE 1

3620-0900
HOUSE (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695 HUCKLEY AVEB CO
STATION STATION NAME

73-82

YEARS

150 MONTH

PAGE 2 2672-3830
MOORE (L. S. F.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL																																																														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																											
74.1	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	900	900	900	900

Element (X)	Z _g ¹	Z _g	X	° _g	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	7136331	5.347	55.6	9.797	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	27971.6	47550	55.1	8.767	900		4	9.4	1.8			9.0
Wet Bulb	1.54857	41.63	46.3	5.792	900		1.4					9.0
Dew Point	13311.3	33901	37.7	7.766	900		23.3					9.0

2

GENERAL CLIMATOLOGY BRANCH
 WAFETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4895 BUCKLEY AVE CO
 STATION STATION NAME

73-82

YEARS

SEP
MONTH

PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
/ 89															.1	.1		2							
F/ 87															.1	.3		4							
/ 85													.2	.2	.2	.4	.2	17			17				
4/ 83													.2	1.1	1.2	.3		26			26				
/ 81										.1	.2	.2	.9	.9	.7	.1		32			32				
/ 79										.1	.3	1.4	1.2	1.6	.3			45			45				
7 / 77									.1	.4	1.4	1.4	1.7	1.3	.4			52			52				
4/ 75									.4	.4	1.7	2.2	2.3	.4				55			55				
4/ 73							.1	.1	1.0	1.2	1.7	1.9	.9	.1				63			63				
/ 71							.1	1.3	.9	1.7	2.3	1.1	.5					72			72				
/ 69						.1	.6	1.1	1.0	1.4	1.2	.5	.2					55			55				
/ 67						.3	1.1	1.1	1.4	.7	1.2	.3						56			56				
6/ 65				.1	.7	1.3	1.7	.9	1.1	.7	.7							54			54				
4/ 63			.1		.7	1.3	1.0	.9	.8	1.1	.5	.1						56			56				
/ 61				.7	.5	1.2	.9	.3	.4	.1	.3							38			38				
/ 59		.1	.1	.7	1.5	1.1	.9	1.1	1.0	.1								59			59				
/ 57		.1	.1	.2	1.1	.4	.9	.2	.2									29			29				
5 / 55			.2	.4	.3	.7	.2	.2	.2									21			21				
4/ 53		.1	.3	.7	.7	.7	.2	.2										26			26				
4/ 51		.4	.9	.7	.9	.3	.1	.2										30			30				
/ 49	.1	.1	.3	1.2	.2	.6	.2											25			25				
/ 47	.3	.4	.2	.2														13			13				
4 / 45	.2	.4	1.1	.4														20			20				
4/ 43		.3	.4	.4	.1	.1												13			13				
/ 41		.6	.3															8			8				
/ 39		.3	.1															4			4				
/ 37			.2															2			2				
/ 35		.1	.1															2			2				
3- / 33		.1																1			1				
2/ 31																									
/ 29																									
/ 27																									
/ 25																									
/ 23																									
Element (X)	Σ X'	Σ X	X	σ _a	No. Obs.	Mean No. of Hours with Temperature							Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

CLIMATOL CLIMATOLOGY BRANCH
METAC
A. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2495 JACKLEY AND CO
STATION STATION NAME

73-52

Y'ARS

~~SEP~~
MONTH

PAGE 2 7920-1122
NOV 11 1964

[illegible]

PSYCHROMETRIC SUMMARY

124595	BUCKLEY ANG B CO
STATION	STATION NAME

73-82

YEARS

SEP
MONTH

PAGE 1 1222-1450
HOURS (L. S. T.)

[illegible]

2

YEARS

73-82

~~SECRET~~

PAGE 7 ~~1217-1420~~
HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704395	BUCKLEY ANG B CO
STATION	STATION NAME

73-62

YEARS

SEP
MONTH

PAGE 1 1530-1743
HOURS (L, S, T,)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
DAPETAC
A. J. LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24495	WICKLEY ANEB CO
STATION	STATION NAME

73-62

YEARS

152

PAGE 150-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
(F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
125																						
123																						
121																						
119																						
117																						
115																						
TOTAL		1.1	4.3	3.0	4.0	3.8	5.0	5.1	4.7	5.8	6.4	10.9	11.3	13.8	8.5	7.7	4.1		270	533	900	

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1176118	27892	35.519	342	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	45882.1	65525	72.811	438	900			56.5	58.1	29.7	.1	40
Wet Bulb	255.298	47760	53.1	5.149	900							90
Dew Point	1214623	32175	35.7	8.462	900		31.4					20

PSYCHROMETRIC SUMMARY

13-2-2

YEARS

MONTH

PAGE 1

1972-20-2
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-62

YEARS

5 P
MONTH

PAGE 2 ~~1000-2000~~
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

74-96	WICKLEY ANG CO
STATION	STATION NAME

73-62

55 MONTH

PAGE 1 2112-2722
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

AL CLIMATOLOGY BRANCH
ATTN: TAC
WATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-12-75
STATION
JAN-21 INCE CO
STATION NAME

73-32

YEARS

552 MONTH

PAGE 1

ALL
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

14595	BUCKLEY ANG CO
STATION	STA

73-62

YEARS

250

54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881,



HOURS 11. 5. 2.

[illegible]

AL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1295
STATION
CUMLEY ANG CO
STATION NAME

73-82

YEARS

MONTE

PAGE 1

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
AFGLTAC
AF Weather Service/AFAC

PSYCHROMETRIC SUMMARY

74195 JOMLEY WGR CO

73-82

001

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1.1	1.1	3.3	5.5	7.7	9.9	12.1	14.3	16.5	18.7	20.9	23.1	25.3	27.5	29.7	31.9	34.1	36.3	38.5	40.7	42.9	45.1	47.3	49.5	51.7	53.9	56.1	58.3	60.5	62.7	64.9	67.1	69.3	71.5	73.7	75.9	78.1	80.3	82.5	84.7	86.9	89.1	91.3	93.5	95.7	97.9	100.1	102.3	104.5	106.7	108.9	111.1	113.3	115.5	117.7	119.9	122.1	124.3	126.5	128.7	130.9	133.1	135.3	137.5	139.7	141.9	144.1	146.3	148.5	150.7	152.9	155.1	157.3	159.5	161.7	163.9	166.1	168.3	170.5	172.7	174.9	177.1	179.3	181.5	183.7	185.9	188.1	190.3	192.5	194.7	196.9	199.1	201.3	203.5	205.7	207.9	210.1	212.3	214.5	216.7	218.9	221.1	223.3	225.5	227.7	229.9	232.1	234.3	236.5	238.7	240.9	243.1	245.3	247.5	249.7	251.9	254.1	256.3	258.5	260.7	262.9	265.1	267.3	269.5	271.7	273.9	276.1	278.3	280.5	282.7	284.9	287.1	289.3	291.5	293.7	295.9	298.1	300.3	302.5	304.7	306.9	309.1	311.3	313.5	315.7	317.9	320.1	322.3	324.5	326.7	328.9	331.1	333.3	335.5	337.7	339.9	342.1	344.3	346.5	348.7	350.9	353.1	355.3	357.5	359.7	361.9	364.1	366.3	368.5	370.7	372.9	375.1	377.3	379.5	381.7	383.9	386.1	388.3	390.5	392.7	394.9	397.1	399.3	401.5	403.7	405.9	408.1	410.3	412.5	414.7	416.9	419.1	421.3	423.5	425.7	427.9	430.1	432.3	434.5	436.7	438.9	441.1	443.3	445.5	447.7	449.9	452.1	454.3	456.5	458.7	460.9	463.1	465.3	467.5	469.7	471.9	474.1	476.3	478.5	480.7	482.9	485.1	487.3	489.5	491.7	493.9	496.1	498.3	500.5	502.7	504.9	507.1	509.3	511.5	513.7	515.9	518.1	520.3	522.5	524.7	526.9	529.1	531.3	533.5	535.7	537.9	540.1	542.3	544.5	546.7	548.9	551.1	553.3	555.5	557.7	559.9	562.1	564.3	566.5	568.7	570.9	573.1	575.3	577.5	579.7	581.9	584.1	586.3	588.5	590.7	592.9	595.1	597.3	599.5	601.7	603.9	606.1	608.3	610.5	612.7	614.9	617.1	619.3	621.5	623.7	625.9	628.1	630.3	632.5	634.7	636.9	639.1	641.3	643.5	645.7	647.9	650.1	652.3	654.5	656.7	658.9	661.1	663.3	665.5	667.7	669.9	672.1	674.3	676.5	678.7	680.9	683.1	685.3	687.5	689.7	691.9	694.1	696.3	698.5	700.7	702.9	705.1	707.3	709.5	711.7	713.9	716.1	718.3	720.5	722.7	724.9	727.1	729.3	731.5	733.7	735.9	738.1	740.3	742.5	744.7	746.9	749.1	751.3	753.5	755.7	757.9	760.1	762.3	764.5	766.7	768.9	771.1	773.3	775.5	777.7	779.9	782.1	784.3	786.5	788.7	790.9	793.1	795.3	797.5	799.7	801.9	804.1	806.3	808.5	810.7	812.9	815.1	817.3	819.5	821.7	823.9	826.1	828.3	830.5	832.7	834.9	837.1	839.3	841.5	843.7	845.9	848.1	850.3	852.5	854.7	856.9	859.1	861.3	863.5	865.7	867.9	870.1	872.3	874.5	876.7	878.9	881.1	883.3	885.5	887.7	889.9	892.1	894.3	896.5	898.7	900.9	903.1	905.3	907.5	909.7	911.9	914.1	916.3	918.5	920.7	922.9	925.1	927.3	929.5	931.7	933.9	936.1	938.3	940.5	942.7	944.9	947.1	949.3	951.5	953.7	955.9	958.1	960.3	962.5	964.7	966.9	969.1	971.3	973.5	975.7	977.9	980.1	982.3	984.5	986.7	988.9	991.1	993.3	995.5	997.7	1000

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Num.						$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	
Dry Bulb	3155257	50255	54.0	19.798	930		9.1					9.1
Wet Bulb	1562656	41888	44.0	8.364	930		22.4					22.4
Dew Point	125622	34136	36.7	5.928	930	6	67.7					67.7

USAFETAC FORM 0-26-3 (OL A) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
METAC
LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14295 SUEKLEY ANG3 CO
STATION STATION NAME

73-82

YEARS

221
MONTH

PAGE 1 2375-5500
HOURS (L. S. P.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
67 53																		1	1																
66 51																		1	5																
65 49																		2	9																
64 57																		7	7																
63 55																		72	62																
62 52																		43	43																
61 51				.1	.2	.5	1.5	2.2	1.3	.6								52	62	1															
60 49			.1	.2	.5	2.8	1.7	2.3	.6	.2								76	76	3															
59 47			.2	.9	1.5	1.9	2.3	.4	.1									72	72	9															
58 45			.1	.2	1.8	3.1	2.2	1.2	.1									107	107	22	6														
47 43			1.3	1.1	1.3	2.3	1.9	.7	.1									73	73	52	2														
46 41			.3	1.6	1.5	1.5	1.1	.3	.2									66	66	103	12														
45 39			1.2	2.2	1.4	1.4	1.5	.2										73	73	99	22														
44 37		.3	1.2	2.5	.6	1.5	.2	.2										62	62	132	43														
43 35		.3	.8	2.4	1.2	1.1												77	77	119	53														
42 33		.4	1.7	1.3	1.3	.1	.3											48	48	121	59														
41 31		.5	1.9	1.1	1.4	.2	.1											50	50	74	116														
40 29		.2	.5	1.1	.1													23	23	74	87														
39 27		.9	.9	.2														18	18	43	61														
38 25		1.5	.3	.1														18	13	32	79														
37 23		.1	.5	.9														14	14	23	46														
36 21			.1															1	1	15	74														
35 19			.1																																

GENERAL CLIMATOLOGY BRANCH
METAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4895	BUCKLEY ANG3 CO
STATION	STATION NAME

73-62

YEARS

551
MONTH

2835 0320-05-0
HOURS (L. S. T.)

[illegible]

15

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

124-95	BUCKLEY ANGEL CO
STATION	STATION NAME

73-83

YEARS

30 MONTH

PAGE 1 ~~15-00-0800~~
~~100-1113-11~~

[illegible]

GLOBAL CLIMATOLOGY BRANCH
METAC
A LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

104095	DICKLEY AND CO
STATION	STATION NAME

73-62

YEARS

001
MONTH

Page 2

7575-3812
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

724395 JACKLEY ANG3 CO
STATION STATION NAME

13-A2

YEARS

201
MONTH

PAGE 1 ~~7930-1100~~
HOURS 11:55 PM

[illegible]

GLOBAL CLIMATOLOGY BRANCH
METAC
FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74495	BUCKLEY AFB CO
STATION	STATION NAME

73-82

YEARS

001
MONTH

PAGE 2 1920-11-23
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

73-82

~~051~~
MONTH

PAGE 1 100-1400
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0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

73-47

YEARS

20 MONTH

14-00000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
/ 17																						4	
/ 1																						43	
/ 17																						24	
/ 11																						18	
/																						13	
/ 7																						7	
/ 5																						7	
/ 4																						3	
TOTAL	.1	3.9	3.5	4.6	4.3	5.1	5.7	6.5	7.7	7.5	10.5	11.4	9.8	7.6	5.1	3.2	.1		917	737		970	

1

PSYCHROMETRIC SUMMARY

STATION NAME

73-62

YEARS

CCV
MONTA

PAGE 1

~~1571-1740~~
HOURS (L.S. 10)

[illegible]

CENTRAL CLIMATOLOGY BRANCH
METAC
U.S. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14495	JUCKLEY AND CO
STATION	STATION NAME

73-82

YEARS

501
MONTH

PAGE 7 1522-1722
HOURS (L. S. T.)

[illegible]

U.S. AIR FORCE
METEOROLOGICAL SERVICE

PSYCHROMETRIC SUMMARY

24295 JACKLEY ANG3 CO
STATION STATION NAME

73-42

YEARS

251
MONTH

PAGE 1 14-00000
NOV 11 1964

[illegible]

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774695	JUCKLEY AND CO
STATION	STATION NAME

73-82

YEARS

201
MONTH

PAGE 2 1500-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
/ 7																									
/ 6																									
/ 5																									
/ 4																									
/ 3																									
/ 2																									
/ 1																									
TAL	.3	7.5	8.1	8.9	11.1	11.4	13.9	12.5	11.3	7.2	4.0	2.2	1.8	.4	.1			930	930	930					

4695 WICKLEY ANG8 CO
STATION STATION NAME

73-82

YEARS

251
MONTH

PAGE 1 ~~2123-2733~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point												
1/ 39									.1	.1					.1				3	3												
1/ 57									.1	.1	.1	.1			.1				5	5												
6/ 55											.1	.4	.1						6	6												
4/ 53								.1		.8	.2								10	10												
1/ 51						.1	.1	1.0	.5	.1	.3								26	26												
1/ 59						.3	1.0	.4			.5	.2							28	28												
1/ 57					.1	.5	1.2	.5	1.2	.4									39	39												
5/ 55				.1	.5	1.0	.5	.5	1.2										41	41	2											
4/ 53				.1	1.2	2.4	1.6	1.7	.8	.1									73	73	2											
1/ 51			.2	.3	1.2	2.6	2.6	1.3	.4	.5									65	65	4											
10/ 49		.1	.2	1.1	1.5	1.9	1.4	1.4											74	74	11											
1/ 47		.3	1.3	1.0	2.7	.6	1.3	.3											73	73	89	1										
4/ 45		.8	1.0	1.3	1.5	1.9	1.7	.7	.3										95	95	63	4										
4/ 42		1.4	1.2	1.2	1.5	1.7	.5	.1											74	74	171	15										
2/ 41		.8	1.3	1.8	2.0	1.0	.7	.1											68	68	119	23										
10/ 39		.3	1.2	1.3	.9	.9	.5												52	52	133	40										
1/ 37		1.0	1.3	.4	1.1	.1													39	39	94	45										
1/ 35		1.3	.4	1.4	1.1														40	40	96	73										
3/ 33	.1	1.1	.9	1.0	.2														30	30	91	81										
2/ 31	.1	2.4	.4	.2	.2														31	31	97	100										
1/ 29	.3	.9	.1	.2															14	14	73	76										
1/ 27		1.2	.2	.1															18	18	22	67										
1/ 25		.6	.4	.1															11	11	15	72										
2/ 23		.2																	2	2	13	37										
2/ 21		.1	.1																2	2	7	79										
1/ 19																					1	60										
1/ 17																						35										
1/ 15																						20										
1/ 13																						9										
1/ 11																						4										
1/ 9																						9										
1/ 7																						3										
1/ 5																						1										
1/ 3																						1										
Element (X)	2 _H	2 _L	X	σ _H	No. Obs.	Mean No. of Hours with Temperature																										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb																																
Wet Bulb																																
Dew Point																																

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
METETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14095	JOCKLEY ANG B CO
STATION	STATION NAME

73-82

YEARS

021
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

SIGNAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74395 BUCKLEY ANG CO
STATION STATION NAME

73-82

YEARS

~~SECRET~~

PAGE 1

ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point													
6 / 95																	.0										.0		1	1			
4 / 92																												.1	13	13			
7 / 91																									.1	.2	.2		39	39			
7 / 79																									.1	.2	.4	.4		78	78		
7 / 77																	.0	.3	.3	.4	.1							95	95				
6 / 75																	.1	.3	.4	.6	.2							119	119				
4 / 73																.0	.3	.5	.6	.8	.1								165	165			
7 / 71																.0	.1	.3	.4	.8	.3								161	161			
7 / 69																.0	.1	.3	.7	.6	.7	.0							179	179			
7 / 67																	.1	.3	.4	.8	.7	.3							195	195			
6 / 65																	.2	.6	.6	.7	.5	.1							210	210			
4 / 63																		.4	.8	.5	.7	.3							220	220			
7 / 61																		.4	1.0	.9	.5	.1							278	278	1		
7 / 59																		.7	.7	.5	1.0	.3	.0						263	263	3	1	
7 / 57																		.7	.8	.5	.1								258	258	5		
5 / 55																		.9	1.0	.9	.3	.0							348	348	47	3	
4 / 53																			1.4	1.1	1.0	.2							416	416	154		
2 / 51																			1.5	1.2	1.1	.5	.2						435	435	294	1	
3 / 49																			.9	.2	.0								455	455	479	3	
2 / 47																			.4	.1									459	459	536	4	
4 / 45																			1.2	1.0	1.4	1.1	.3	.0					529	529	578	31	
4 / 43																			.6	.4	.1	.0							431	431	737	63	
7 / 41																			.8	.3	.0								367	367	741	161	
4 / 39																			.8	.1									352	352	767	237	
7 / 37																			.9	.1	.1								299	299	688	374	
7 / 35																			.6	.0									299	299	686	523	
3 / 33																			.2	.0	.0								219	219	521	528	
2 / 31																			.5	.1	.0								215	215	386	823	
6 / 29																			.4	.2									114	114	363	636	
7 / 27																			.3	.1									74	74	188	607	
7 / 25																			.5	.2	.1								59	59	118	548	
24 / 23																			.0	.2	.1								24	24	74	369	
2 / 21																			.1	.1									15	15	43	523	
7 / 19																			.0										3	3	13	705	
Element (X)	Σ x ⁴				Σ x ³				Σ x ²				Σ x				No. Obs.				Mean No. of Hours with Temperature												
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

704595	JUCKLEY ANGUS CO
STATION	STATION NAME

73-82

YEARS

251
MONTH

PAGE 7

ALL

HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ 17			•															1	1	5	429	
/ 15			•															2	2	1	315	
/ 13																				1	189	
/ 11																					155	
/ 9																					53	
/ 7																					47	
/ 5																					13	
/ 3																					34	
/ 1																					12	
/ -1																					13	
/ -3																					12	
/ -5																					1	
TAL	1.1	3.3	10.6	9.6	11.5	10.6	17.7	8.0	7.0	5.0	4.5	4.1	3.3	2.3	1.3	.7	.1	7440	7439	7439		

Element (X)	Σ _h ¹	Σ _h	Σ	° _h	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1059462	336358	45.2	22.456	7439	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	20486455	378425	50.7	12.903	7440		57.7	125.4	49.9	8.9		744
Wet Bulb	12274085	297329	40.0	7.243	7439		119.2					744
Dew Point	5847337	199115	26.8	8.343	7439	2.3	550.6					744

METEOROLOGICAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4555 JACKLEY ANGPO CO
STATION STATION NAME

73-42

YEARS

~~NOV~~
MONTH

PAGE 1 ~~1000-0200~~

[illegible][illegible]

SUBSAL CLIMATOLOGY BRANCH
AFETAC
A LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14095 DUCKLEY AVENUE CO
STATION ST

73-62

NOV
MONTH

2435-

0000-2200
MOUSE (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
- / -7		.1																1	1	3	1			
- / -9																								
- / -11																								
- / -17																								
- / -19																								
Tot	7.323	223.6	15.7	10.7	9.8	5.0	1.1	.4	.3	.3								900	700	900	900			

Element (X)	$\Sigma H'$	ΣH	\bar{H}	σ_H	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3-16408	53226	62.1	9.481	900	$\pm 0^\circ\text{F}$	$\pm 32^\circ\text{F}$	$\pm 67^\circ\text{F}$	$\pm 73^\circ\text{F}$	$\pm 80^\circ\text{F}$	$\pm 93^\circ\text{F}$	Total
Dry Bulb	1322347	28973	32.2	10.313	900	.5	45.7					52
Wet Bulb	730360	24762	27.5	7.390	900	.5	66.7					90
Dew Point	386733	17321	19.2	7.706	900	1.4	87.6					90

LIBERAL CLIMATOLOGY BRANCH
SAFE/ETAC
AND WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4895 SUCKLEY AVEB CO 73-62 N.O.W.

STATION STATION NAME YEARS MONTH

PAGE 1 ~~SECRET~~
HOURS 11:50-12:00

[illegible]

GLOBAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/54C

PSYCHROMETRIC SUMMARY

774195	BUCKLEY ANSP CO
STATION	STATION NAME

73-87

YEARS

NO.
MONTH

PAGE 2 2372-2522
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
/-11																					1			
1 /-13																					4			
/-15																					1			
/-17																					1			
Tot	9.22	4.32	5.11	3.81	3.0	9.7	5.4	1.7	.3	.4								900	900	900				



PSYCHROMETRIC SUMMARY

73-87

YEARS

MONTH

PAGE 1 ~~16-00-0810~~
HOURS (L.S.V.)

[illegible]

USAFETAC FORM 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

435
MONTH

PAGE 2 7632-2840
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
/ -7			.1															1	1	1					
/ -11		.1																1	1	2					
/ -13																									
/ -15																									
/ -17																									
/ -19																									
TTL	9.226.019.215.610.9 9.3 5.7 3.6 1.1 .3																		900	900	900				

Element (X)	Σ x'	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3642.72	54536	67.722	4.32	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1 02576	28424	31.604	2.801	900	.5	49.4					90
Wet Bulb	698280	24028	26.7	7.948	900	.6	57.9					92
Dew Point	346866	16102	17.9	8.086	900	2.5	83.8					92

2

1

73-82

YEARS

434
MONTANA

PAGE 1

~~2920-1155~~
HOURS 11-5-7

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
MAY 44

GENERAL CLIMATOLOGY BRANCH
METAC
A BATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4495 BUCKLEY ANG R CO
STATION ST

73-82

434
MONTH

PAGE 2 1970-1103
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
/	.1		.1															2	2	2	11												
/			.1															1	1														
/ 1																				1	2												
/ -1																				1	2												
/ -3																																	
/ -5		.2																2	2	1	1												
/ -7																				1	3												
/ -11																					4												
/ -15																					1												
/ -19																					1												
/ -21																					1												
/ -25																					1												
TOTAL	1.117	1.113	8.12	6.11	7	9.7	9.	8.4	5.0	5.8	3.0	1.9	.7	.1				900	600	900	600												

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2547444	43574	48.52	1.822	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1696655	37189	41.31	3.339	900	.2	26.4	1.8	.1			9.2
Wet Bulb	1034737	29563	32.8	8.416	900	.3	42.9					9.2
Dew Point	428531	18391	20.4	7.658	900	1.2	87.2					9.2

2

U.S. CLIMATE BRANCH
 W. F. L. T. A. C.
 AND WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4495 HICKLEY ANCR CO
 STATION NAME

73-82

YEARS

MONTH

PAGE 1 1230-1840
 HOURS (L. S. P.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																	
7 / 77																																1		1			
6 / 75																																5		5			
4 / 73																																	5		5		
7 / 71																																	18		18		
7 / 69																																	24		24		
7 / 67																																	35		35		
6 / 65																																	25		25		
4 / 63																																	32		32		
7 / 61																																	31		31		
7 / 59																																	45		45		
7 / 57																																	38		38		
5 / 55																																	47		47		
4 / 53																																	34		34		2
7 / 51																																	50		50		
7 / 49																																	38		38		17
7 / 47																																	26		26		47
7 / 45																																	50		50		92
4 / 43																																	37		37		77
7 / 41																																	35		35		75
7 / 39																																	42		42		57
7 / 37																																	73		73		76
7 / 35																																	45		45		74
7 / 33																																	39		39		73
7 / 31																																	36		36		67
7 / 29																																	42		42		57
7 / 27																																	25		25		44
7 / 25																																	38		38		46
7 / 23																																	16		16		36
7 / 21																																	9		9		11
7 / 19																																	5		5		4
7 / 17																																	8		8		44
7 / 15																																	1		1		4
7 / 13																																					
7 / 11																																					
Element (X)	ΣX^2			ΣX			\bar{X}			σ^2			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC
 FORM 0-26-5 (OL A)
 JUL 64

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

NOV
MONTH

7-48-95	BUCKLEY AMER CO
STATION	STATION NAME

73-62

YEARS

NOV
MONTH

PAGE 7 1270-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
/																						2										
/				.1														1	1			16										
/			.2															2	2			17										
/																						4										
/ 1																				1		6										
/ -1																						2										
/ -3																						1										
/ -7																						1										
/ -13																						1										
/ -15																						1										
/ -17																						1										
TOTAL	1.2	5.7	8.5	11.2	17.6	15.7	8.1	8.2	9.3	7.6	5.3	5.3	4.1	1.0	.2				970	2.0		900										

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1925221	37 03	41.121	1.195	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2152274	42218	46.91	4.223	900		16.2	8.8	1.1			90
Wet Bulb	12217.1	32305	35.78	6.319	900		30.4					90
Dew Point	439032	18754	20.84	7.325	900		8.8	86.9				90

USAFETAC
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4595 JICKLEY ANG3 CO
STATION STATION NAME

73-82

YEARS

~~NEW~~
MONTH

PAGE 1 ~~1570-170~~
HOURS (L. S. P.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

774.95 BUCKLEY ANG CO
STATION

STATION NAME

73-82

YEARS

NOV
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
7			.1															1	1		20			
6			.1															1	1		10			
5																					4			
4			.1															1	1		5			
3																				1	5			
2																					5			
1																					5			
0																					5			
-1																					5			
-2																					5			
-3																					5			
-4																					5			
-5																					5			
-6																					5			
-7																					5			
-8																					5			
-9																					5			
-10																					5			
-11																					5			
-12																					5			
-13																					5			
TOTAL	1.7	12.7	11.2	12.4	9.9	13.8	9.9	7.4	6.0	5.7	4.3	3.1	1.9	.6	.1			900	900		900			

Element (X)	Σx^1	Σx	\bar{x}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2337547	41627	46.3	21.413	900							
Dry Bulb	1921009	39703	44.1	3.732	900		20.3	4.5	.4			90
Wet Bulb	1148260	31232	34.7	8.466	900	.1	34.2					90
Dew Point	474998	19448	21.6	7.804	900	.6	84.0					90

CENTRAL CLIMATOLOGY BRANCH
METAC
41 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24595 JICKLEY ANGEL CO
STATION STATION NAME

73-42

YEARS

22

PAGE 1 ~~18-00000-2220~~
MOORE, J. J.

[illegible]

2

PSYCHROMETRIC SUMMARY

73-62

YEARS

NOV
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 44

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

73-82

YEARS

NOV
MONTH

PAGE ?

1800-2300
HOURS (L. S. T.)

USAFETAC
FORMA
MAY 1964
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
JFATETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595	BUCKLEY AND S CO
STATION	STATION NAME

73-82

YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D-26.5 (OL A)

FORM

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
METAC
AD EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

224595	BUCKLEY ANG8 CO
STATION	STATION NAME

73-62

YEARS

NOV
MONTH

PAGE 2

2100-2300
HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
- / -																						1 5
1 / -19																						3
T & L	6.3	25.7	19.6	18.2	11.9	9.0	5.6	2.7	.6	.6	.1								900	900	900	900

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

A. FATHER'S SERVICE: AS

PSYCHROMETRIC SUMMARY

HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
1	/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19	19	45	2.4
2	/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14	14	15	1.3
3	/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11	11	14	1.2
4	/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13	13	18	.76
5	/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	8	12	.56
6	/ -1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	4	5	.34
7	/ -3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	5	4	.8
8	/ -5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	8	7	.5
9	/ -7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	5	7	.5
10	/ -9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	3	.4
11	/ -11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	2	.5
12	/ -13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				11
13	/ -15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				5
14	/ -17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				7
15	/ -19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				11
16	/ -21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				1
17	/ -23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				1
TAL		.520	.715	.314	.511	.110	.2	.5		.4	.3	3.2	2.7	1.7	1.3	.3	.2	.3															7200	7200	7200			
																																				7200	7200	

Element (X)	ΣX'	ΣX	R	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2145479	395.75	54.321	2.246	7200	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	11145142	266990	37.117	1.146	7200	2.5	289.8	15.1	1.5			720
Wet Bulb	7161773	216413	33.3	6.630	7200	2.4	425.8					720
Dew Point	3256472	142634	19.3	7.825	7200	13.2	626.9					720

CLIMATOL CLIMATOLOGY BRANCH
ASSTAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

124-95... WICKLEY AYCE CO

73-82

YEARS

DEC
MONTH

Page 1

MOORE, J. S. 1963. *Journal of the American Water Resources Association* 1: 1-12.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14395 BUCKLEY AVENUE CO
STATION STATION NAME

73-82

YEARS

DEC
MONTH

PAGE 2

~~2022-2210~~
HOURS 11-5-11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
TAL	6.7	24.4	20.6	19.9	14.1	11.0	7.7	1.3	.4										924	924	924	



GLOBAL CLIMATOLOGY BRANCH
CHAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

224595 HUCKLEY ANG B CO

STATION NAME

73-82

YEARS

250
MONTHS

PAGE 1

~~7370-0500~~
MOORE (L. S. T.)

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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LIBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

7. 4895	BUCKLEY ANGB CO	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 7373-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
COAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724295	BUCKLEY ANG B CO
STATION	STATION NAME

73-82

YEARS

DEC
MONTH

PAGE 1 7677-0000
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 ATLANTAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 SUCKLEY AIRC CO

73-82

672

STATION

STATION NAME

YEARS

MONT H

PAGE 2

3632-0832

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
17-15																						1
07-21																						3
TOTAL	5.122	20.918	615.2	9.0	4.5	1.4	.2											924	924	924	924	
															</							

PSYCHROMETRIC SUMMARY

724695	BUCKLEY ANG B CO
STATION	STATION NAME

73-82

YEARS

DEC
MONTH

PAGE 1 2900-1100
HOURS (L. S. T.)

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AFC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774595	BUCKLEY ANGB CO
STATION	STATION NAME

73-82

YEARS

DEC
MONTH

PAGE 2

1233-1433
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
/ 5	.2																	2	2	3	17											
/ 1																					28											
/ -1	.2	.1																2	3	2	14											
- / -3																				1	2											
- / -5																					2											
- / -7																					5											
- / -9																					3											
- / -11																					2											
STBL	2.5	1.4	1.2	1.0	.4	1.2	.0	1.5	1.6	1.8	5.7	4.5	2.5	.3	.1				924	924	924											

PSYCHROMETRIC SUMMARY

724595 BUCKLEY ANGUS CO

73-82

DEC
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
7 / 69											.1							1	1				
6 / 67											.1	.1	.1					3	3				
6 / 65											.1	.4						5	5				
4 / 63									.1	.3	.3	.1						5	4				
2 / 61								.2	.3	.4	.5	.1						16	16				
1 / 59								.1	.4	.5	.5	.1						19	19				
5 / 57								.2	1.0	1.2	.2							25	25				
5 / 55						.1	.1	1.1	1.0	.6								27	27				
4 / 53						.2	1.2	.9	.6									27	27				
2 / 51						.3	1.2	1.4	1.0	.1								37	37				
1 / 49					.3	.8	1.3	1.7	.4	.3								45	45	1			
4 / 47				.1	.4	1.6	1.9	1.7	.2									48	43	4			
4 / 45				.6	1.2	1.5	1.6	.8	.6									51	51	14			
4 / 43				.2	1.5	1.3	.8	.3										39	39	24			
7 / 41			.2	1.1	.5	1.7	.8	.3										43	43	46			
4 / 39		.1	.3	1.2	1.6	2.6	.4	.1										59	59	71			
3 / 37		.1	1.2	1.4	1.7	1.5	.3											58	58	81			
16 / 35		.4	1.0	.9	1.7	.8	.2											46	46	62	4		
34 / 33		.6	.3	1.7	1.4	.2	.1											41	41	76	8		
3 / 31		1.9	1.2	2.2	1.2	.5												55	65	95	25		
2 / 29	.3	.9	1.4	1.1	.4	.1												39	39	76	39		
2 / 27	.3	1.2	1.5	1.4	.5	.1												47	47	78	59		
1 / 25	.4	1.3	1.5	.1														31	31	70	63		
24 / 23		.6	1.1	.3														19	19	47	44		
2 / 21	.4	1.5	.5	.1														24	24	45	54		
1 / 19		1.4	.5	.1														19	19	29	112		
1 / 17		.6	.1															7	7	18	62		
1 / 15	.2	1.2	.6															19	19	12	82		
14 / 13	.1	1.0	.2															12	12	18	79		
1 / 11		.6																5	5	10	57		
1 / 9		.6	.1															7	7	9	45		
1 / 7		.5	.1															6	6	7	48		
1 / 5	.2	.2	.1															5	5	5	22		
1 / 3	.4																	4	4	8	19		
Element (X)	Σ X²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695 BUCKLEY ANCR CO

73-42

37 C

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1520-1740

HOURS 11. 5. 7.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ 1	.0	.1																3	3	2	3	
/ -1	.1																	1	1	2	13	
- / -3	.2																	2	2	2	11	
- / -5																					2	
- / -7																					5	
- / -9																					1	
- / -11																					5	
- / -13																					1	
- / -15																					1	
- / -19																					1	
TOTAL	15.2	12.1	12.7	13.2	9.1	8.0	6.9	4.4	2.2	.9	.1							924	924	924	924	

Element (X)	Σ x'	Σ x	Σ x²	No. Obs.	Mean No. of Hours with Temperature						
					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	2427428	43250	46.820.896	924							
Dry Bulb	1506321	35211	34.113.351	924	.3	31.8	.4				93
Wet Bulb	937714	27736	30.09.023	924	.4	52.6					93
Dew Point	331150	15070	16.78.841	924	4.0	91.8					93

2

2

73-82

YEARS

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1870-2700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
59											.1							1	1					
57											.1							1	1					
55										.5								5	6					
53								.1		.1								9	9					
51								.3		.3	.5							14	14					
49							.3	.5		.5								14	14					
47						1.1	1.1	1.0	.3									31	31					
45					.3	1.5	1.4	.8										41	41					
43				1.5	1.2	.5	.8											35	39					
41			.1	.9	1.3	1.8	.5	.2										45	45	5				
39			.5	2.1	.9	2.5	.4											59	59	26				
37			1.5	1.9	2.8	1.0	.2											53	53	32				
35		.1	.9	2.3	2.2	1.1	.1											60	60	53				
33		2.3	.9	2.5	1.8	.4												73	73	52				
31		1.7	1.4	1.6	1.8	.3												54	64	93				
29		.2	1.7	1.7	1.5	.3	.1											52	52	97				
27	.2	1.7	1.7	1.5	.3	.1												52	62	93				
25	.9	1.9	1.7	1.7	.4													55	65	52				
23	.1	2.9	2.5	1.2	.3													29	29	78				
21	.1	1.4	1.2	.3	.1													47	47	62				
19	.5	2.4	1.6	.2	.1													35	35	55				
17	.3	1.8	1.4	.2														17	17	34				
15	.2	1.4	.2															22	22	24				
13	.2	1.2	1.0															22	22	18				
11	.3	1.3	.5															10	10	23				
9	.1	.5	.1															11	11	17				
7	.2	.8	.2															10	10	8				
5	.1	.9	.1															3	3	8				
3	.3																	4	4	6				
1	.2	.2																3	3	6				
-1	.5	.2																1	1	3				
-3	.1																	2	2	2				
-5	.2	.1																3	3	2				
-7	.1																	1	1	2				
Element (X)	ΣX ¹	ΣX	X̄	σ _X	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26.5 (OL A)
JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A134 205

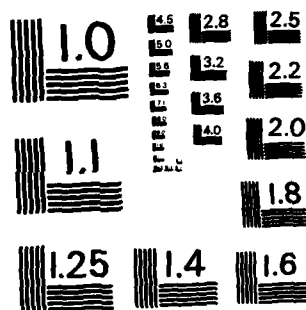
BUCKLEY ANGB COLORADO REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 19 SEP 83
USAFETAC/DS-83/040 SBI-AD-E850 423 F/G 4/2 NI

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963-A

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724695	BUCKLEY ANGB CO
STATION	STATION NAME

73-82

YEARS

DEC
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

774695	BUCKLEY ANGR CO
STATION	STATION NAME

73-82

YEARS

056

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

USAFETAC

2

YEARS

DEC

YEARS

5 - 5
MONTH

11

ALL
HOURS (L. S. T.)

USAFETAC
FORMS
MAY 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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73-62

DEC

YEARS

MONTH

ALL

HOURS (L. S. T.)

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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2

3

YEARS

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

0.2A.5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724595 BUCKLEY ANGB CO

73-83

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point
37 / 37	.0	.3	.7	.8	1.0	.4	.1	.0										2834	2834	4030
36 / 35	.0	.5	.8	.9	.8	.3	.0											3023	3024	4283
35 / 33	.1	.7	.7	1.1	.6	.1	.0											2872	2872	4233
34 / 31	.1	1.2	1.2	1.2	.6	.1	.0											3861	3862	4286
33 / 28	.2	.7	.9	.7	.2	.0												2467	2467	4335
32 / 27	.2	1.0	.8	.5	.1	.0												2244	2244	3993
31 / 25	.1	.9	.8	.4	.1													2050	2050	3703
30 / 23	.1	.5	.5	.2	.0													1093	1093	2778
29 / 21	.2	.9	.6	.2	.0													1559	1559	2130
28 / 19	.2	.9	.6	.1														1500	1500	1827
27 / 17	.1	.5	.3	.0														918	919	1351
26 / 15	.1	.5	.2	.0														674	694	998
25 / 13	.1	.5	.1	.0														659	659	738
24 / 11	.1	.4	.1	.0														520	520	731
23 / 9	.0	.3	.0															340	341	568
22 / 7	.0	.3	.0															310	310	376
21 / 5	.0	.2	.0															230	200	297
20 / 3	.1	.2	.0															234	234	280
19 / 1	.1	.2																257	257	222
18 / -1	.1	.1																122	122	184
17 / -3	.0	.1																93	93	131
16 / -5	.0	.0																61	61	84
15 / -7	.0	.0																24	24	46
14 / -9	.0	.0																13	13	18
13 / -11	.0																	13	13	16
12 / -13	.0																	8	8	8
11 / -15	.0																	7	7	7
10 / -17																				
9 / -19																				
8 / -21																				
7 / -23																				
6 / -25																				
TOTAL	1.1	3.1	2.9	2.3	1.3	9.6	8.2	6.8	5.3	4.3	3.6	2.9	2.3	1.9	1.3	1.0	1.1	87578	87592	87578
Element (X)	Σx²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	253928438		4321384		49.321565		87578		87578		87578		87578		87578		87578		87578	
Dry Bulb	246115313		4314729		49.319578		87592		87592		87592		87592		87592		87592		87592	
Wet Bulb	152788801		3448617		39.413929		87578		87578		87578		87578		87578		87578		87578	
Dew Point	86258662		2448686		28.014254		87578		87578		87578		87578		87578		87578		87578	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724595 BUCKLEY ANG8 CO

73-83

STATION

STATION NAME

YEARS

MRS 1 ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN 23.3	28.0	32.1	39.5	47.0	57.4	63.9	61.8	54.6	44.0	32.2	28.7	42.8
	S D 11.168	10.338	9.210	8.521	7.372	7.083	5.019	5.068	7.548	8.364	10.013	10.698	16.065
	TOTAL OBS 930	846	930	900	930	900	930	930	900	930	900	924	10950
3-05	MEAN 22.6	26.8	30.7	37.5	44.8	54.7	60.9	59.1	52.3	42.1	31.1	28.0	41.0
	S D 11.436	10.525	9.014	8.263	6.915	6.718	4.604	4.936	7.267	8.238	10.179	10.727	15.412
	TOTAL OBS 930	846	930	900	930	900	930	930	900	930	900	924	10950
6-08	MEAN 22.3	27.5	31.7	40.7	50.0	61.6	67.4	63.6	55.1	43.9	31.6	27.8	43.7
	S D 11.668	10.401	9.684	10.063	8.710	8.595	6.710	6.986	8.767	9.402	10.801	10.807	17.805
	TOTAL OBS 929	846	930	900	930	900	930	930	900	930	900	924	10949
9-11	MEAN 29.4	36.4	40.6	50.5	58.8	71.9	78.6	75.2	66.9	56.0	41.3	35.6	53.5
	S D 12.864	12.717	12.053	12.392	11.065	10.463	7.786	8.122	11.066	12.101	13.339	12.993	19.937
	TOTAL OBS 930	846	930	900	930	900	930	930	900	930	900	924	10950
12-14	MEAN 35.3	42.2	45.8	55.6	63.1	77.3	84.3	81.2	72.9	62.2	46.9	41.1	59.1
	S D 13.498	13.496	13.024	13.261	12.010	10.979	7.302	8.102	11.541	12.730	14.223	13.998	20.364
	TOTAL OBS 930	846	930	900	930	900	930	930	900	930	900	924	10950
15-17	MEAN 33.9	41.4	46.1	55.6	62.8	76.8	82.5	80.1	72.8	61.4	44.1	38.1	58.1
	S D 12.991	13.380	12.995	13.496	11.852	10.874	8.429	8.625	11.438	12.459	13.732	13.351	20.518
	TOTAL OBS 930	846	930	900	929	900	930	930	900	930	900	924	10949
18-20	MEAN 27.3	33.4	39.2	48.8	56.6	70.1	75.2	72.3	64.0	51.2	36.1	31.5	50.6
	S D 11.864	11.526	10.861	11.670	10.060	9.782	8.037	7.682	9.817	10.167	11.109	11.393	19.417
	TOTAL OBS 930	846	930	900	927	900	930	930	900	930	900	924	10947
21-23	MEAN 24.9	29.8	34.6	42.8	50.4	61.9	67.8	65.2	57.7	46.2	33.3	29.4	45.4
	S D 11.059	10.740	9.611	9.501	7.990	7.803	6.082	5.848	8.220	8.959	10.124	11.056	17.142
	TOTAL OBS 930	846	930	900	927	900	930	930	900	930	900	924	10947
ALL HOURS	MEAN 27.4	33.2	37.6	46.0	54.2	66.4	72.6	69.8	62.0	50.9	37.1	32.5	49.3
	S D 12.994	13.063	12.382	12.948	11.744	12.277	10.712	10.652	12.318	12.903	13.149	12.857	19.578
	TOTAL OBS 7439	6768	7440	7200	7433	7200	7440	7440	7200	7440	7200	7392	87592

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724595 BUCKLEY ANGB CO

73-83

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 19.7 S D 9.387 TOTAL OBS 930	MEAN 23.0 S D 8.204 TOTAL OBS 846	MEAN 27.3 S D 7.086 TOTAL OBS 930	MEAN 33.6 S D 6.669 TOTAL OBS 900	MEAN 41.0 S D 5.738 TOTAL OBS 930	MEAN 48.6 S D 5.169 TOTAL OBS 900	MEAN 54.1 S D 3.053 TOTAL OBS 930	MEAN 53.0 S D 3.532 TOTAL OBS 930	MEAN 46.3 S D 5.680 TOTAL OBS 900	MEAN 36.7 S D 5.928 TOTAL OBS 930	MEAN 27.5 S D 7.394 TOTAL OBS 900	MEAN 23.9 S D 8.257 TOTAL OBS 924	MEAN 36.3 S D 13.392 TOTAL OBS 10950
03-05	MEAN 19.0 S D 9.577 TOTAL OBS 930	MEAN 22.3 S D 8.394 TOTAL OBS 846	MEAN 26.2 S D 7.138 TOTAL OBS 930	MEAN 32.1 S D 6.713 TOTAL OBS 900	MEAN 39.6 S D 5.683 TOTAL OBS 930	MEAN 47.0 S D 5.197 TOTAL OBS 900	MEAN 52.6 S D 3.146 TOTAL OBS 930	MEAN 51.4 S D 3.607 TOTAL OBS 930	MEAN 45.0 S D 5.616 TOTAL OBS 900	MEAN 35.3 S D 5.827 TOTAL OBS 930	MEAN 26.6 S D 7.576 TOTAL OBS 900	MEAN 23.3 S D 8.361 TOTAL OBS 924	MEAN 35.1 S D 13.177 TOTAL OBS 10950
06-08	MEAN 18.7 S D 9.819 TOTAL OBS 929	MEAN 22.7 S D 8.215 TOTAL OBS 846	MEAN 26.8 S D 7.387 TOTAL OBS 930	MEAN 34.2 S D 7.397 TOTAL OBS 898	MEAN 42.7 S D 5.992 TOTAL OBS 930	MEAN 50.9 S D 5.439 TOTAL OBS 900	MEAN 55.7 S D 3.165 TOTAL OBS 930	MEAN 53.6 S D 3.867 TOTAL OBS 929	MEAN 46.3 S D 5.792 TOTAL OBS 900	MEAN 36.3 S D 6.211 TOTAL OBS 930	MEAN 26.7 S D 7.948 TOTAL OBS 900	MEAN 23.1 S D 8.361 TOTAL OBS 924	MEAN 36.6 S D 14.297 TOTAL OBS 10946
09-11	MEAN 23.9 S D 9.832 TOTAL OBS 929	MEAN 28.6 S D 8.687 TOTAL OBS 846	MEAN 32.3 S D 7.585 TOTAL OBS 929	MEAN 39.3 S D 7.486 TOTAL OBS 897	MEAN 46.5 S D 6.276 TOTAL OBS 930	MEAN 54.5 S D 5.451 TOTAL OBS 900	MEAN 59.3 S D 2.647 TOTAL OBS 930	MEAN 57.8 S D 3.213 TOTAL OBS 930	MEAN 51.4 S D 5.553 TOTAL OBS 900	MEAN 42.6 S D 6.576 TOTAL OBS 929	MEAN 32.8 S D 8.415 TOTAL OBS 900	MEAN 28.3 S D 9.012 TOTAL OBS 924	MEAN 41.5 S D 13.817 TOTAL OBS 10944
12-14	MEAN 27.7 S D 9.621 TOTAL OBS 930	MEAN 32.0 S D 8.638 TOTAL OBS 846	MEAN 35.1 S D 7.596 TOTAL OBS 930	MEAN 41.6 S D 7.420 TOTAL OBS 900	MEAN 48.1 S D 6.234 TOTAL OBS 930	MEAN 56.1 S D 5.171 TOTAL OBS 900	MEAN 60.3 S D 2.552 TOTAL OBS 930	MEAN 59.1 S D 3.158 TOTAL OBS 930	MEAN 53.1 S D 5.319 TOTAL OBS 900	MEAN 45.3 S D 6.463 TOTAL OBS 930	MEAN 35.9 S D 8.319 TOTAL OBS 900	MEAN 31.6 S D 9.004 TOTAL OBS 924	MEAN 43.9 S D 13.038 TOTAL OBS 10950
15-17	MEAN 26.9 S D 9.457 TOTAL OBS 930	MEAN 31.8 S D 8.732 TOTAL OBS 846	MEAN 35.4 S D 7.443 TOTAL OBS 930	MEAN 41.7 S D 7.425 TOTAL OBS 900	MEAN 48.1 S D 6.006 TOTAL OBS 929	MEAN 56.1 S D 4.967 TOTAL OBS 900	MEAN 59.9 S D 2.440 TOTAL OBS 930	MEAN 58.9 S D 2.894 TOTAL OBS 929	MEAN 53.1 S D 5.149 TOTAL OBS 900	MEAN 45.0 S D 6.375 TOTAL OBS 930	MEAN 34.7 S D 8.466 TOTAL OBS 900	MEAN 30.0 S D 9.023 TOTAL OBS 924	MEAN 43.5 S D 13.199 TOTAL OBS 10948
18-20	MEAN 22.6 S D 9.457 TOTAL OBS 930	MEAN 27.1 S D 8.528 TOTAL OBS 846	MEAN 31.7 S D 6.970 TOTAL OBS 930	MEAN 38.9 S D 7.265 TOTAL OBS 900	MEAN 45.8 S D 5.921 TOTAL OBS 927	MEAN 54.2 S D 5.049 TOTAL OBS 900	MEAN 58.1 S D 2.704 TOTAL OBS 930	MEAN 57.0 S D 3.248 TOTAL OBS 927	MEAN 50.1 S D 5.445 TOTAL OBS 900	MEAN 40.4 S D 6.219 TOTAL OBS 930	MEAN 30.1 S D 7.710 TOTAL OBS 900	MEAN 25.9 S D 8.511 TOTAL OBS 924	MEAN 40.2 S D 13.931 TOTAL OBS 10944
21-23	MEAN 21.0 S D 9.148 TOTAL OBS 930	MEAN 24.8 S D 8.413 TOTAL OBS 846	MEAN 29.0 S D 6.940 TOTAL OBS 930	MEAN 35.8 S D 6.892 TOTAL OBS 900	MEAN 43.0 S D 5.748 TOTAL OBS 927	MEAN 50.9 S D 5.075 TOTAL OBS 900	MEAN 55.6 S D 2.985 TOTAL OBS 930	MEAN 54.5 S D 3.371 TOTAL OBS 930	MEAN 47.7 S D 5.541 TOTAL OBS 900	MEAN 38.0 S D 6.112 TOTAL OBS 930	MEAN 28.3 S D 7.385 TOTAL OBS 900	MEAN 24.5 S D 8.598 TOTAL OBS 923	MEAN 37.8 S D 13.599 TOTAL OBS 10946
ALL HOURS	MEAN 22.4 S D 10.074 TOTAL OBS 7438	MEAN 26.6 S D 9.233 TOTAL OBS 6768	MEAN 30.5 S D 8.038 TOTAL OBS 7439	MEAN 37.2 S D 7.962 TOTAL OBS 7195	MEAN 44.4 S D 6.684 TOTAL OBS 7433	MEAN 52.3 S D 6.108 TOTAL OBS 7200	MEAN 56.9 S D 3.910 TOTAL OBS 7440	MEAN 55.6 S D 4.327 TOTAL OBS 7435	MEAN 49.1 S D 6.284 TOTAL OBS 7200	MEAN 40.0 S D 7.293 TOTAL OBS 7439	MEAN 30.3 S D 8.630 TOTAL OBS 7200	MEAN 26.3 S D 9.159 TOTAL OBS 7391	MEAN 39.4 S D 13.929 TOTAL OBS 87574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724695 BUCKLEY ANGB CO

73-83

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
0-02	MEAN	10.9	13.6	18.7	24.8	34.2	40.3	46.3	45.9	38.2	26.9	19.2	14.3	27.9											
	S D	9.939	8.892	7.916	8.849	7.435	7.681	8.041	6.115	8.185	8.250	7.706	8.327	14.669											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	924	10950											
03-05	MEAN	10.1	12.4	17.5	23.9	33.4	39.5	45.7	44.8	37.4	25.9	18.2	13.7	27.0											
	S D	9.881	8.970	8.171	8.854	7.483	7.555	8.810	6.129	8.062	8.038	7.943	8.369	14.735											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	924	10950											
06-08	MEAN	9.6	12.3	17.8	24.9	34.8	41.6	46.9	45.7	37.7	26.2	17.9	13.3	27.5											
	S D	10.207	8.974	8.254	8.836	7.282	7.677	8.770	5.938	7.766	8.157	8.086	8.421	15.234											
	TOTAL OBS	929	846	930	898	930	900	930	929	900	930	900	924	10946											
09-11	MEAN	12.7	15.1	19.5	25.3	34.2	40.4	45.6	44.9	37.7	27.3	20.4	15.8	28.3											
	S D	9.558	8.447	7.953	8.724	8.076	8.562	6.854	6.820	7.820	8.161	7.658	8.218	14.023											
	TOTAL OBS	929	846	929	897	930	900	930	930	900	929	900	924	10948											
12-14	MEAN	14.0	15.9	19.6	24.9	33.4	39.1	43.2	42.9	36.0	26.7	20.8	16.7	27.8											
	S D	9.595	8.310	8.166	8.602	8.248	8.603	7.588	7.686	8.280	8.312	7.325	8.235	13.204											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	924	10950											
15-17	MEAN	14.2	16.5	19.9	25.2	33.8	39.5	43.6	43.3	35.8	26.8	21.6	16.7	28.1											
	S D	9.549	8.713	8.374	8.544	8.022	8.708	7.909	7.365	8.462	8.381	7.804	8.841	13.280											
	TOTAL OBS	930	846	930	900	929	900	930	929	900	930	900	924	10948											
18-20	MEAN	12.7	15.6	20.0	26.4	34.8	41.1	45.5	45.5	37.2	27.1	20.5	15.5	28.6											
	S D	9.792	9.038	8.111	8.438	8.128	8.239	7.451	6.870	8.694	8.851	7.747	8.881	14.233											
	TOTAL OBS	930	846	930	900	927	900	930	927	900	930	900	924	10946											
21-23	MEAN	12.0	14.9	19.5	26.2	35.0	41.3	46.2	46.2	38.8	27.3	19.7	14.9	28.5											
	S D	9.687	9.000	7.921	8.686	7.598	7.725	6.906	6.277	8.268	8.491	7.591	8.693	14.491											
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	900	923	10946											
ALL HOURS	MEAN	12.0	14.5	19.1	25.2	34.2	40.3	45.6	44.9	37.2	26.8	19.8	15.1	28.0											
	S D	9.904	8.917	8.155	8.720	7.811	8.150	6.940	6.770	8.236	8.343	7.825	8.584	14.254											
	TOTAL OBS	7438	6768	7439	7195	7433	7200	7498	7455	7208	7439	7200	7391	87578											

RELATIVE HUMIDITY

PERIOD

JAN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.9	96.9	89.9	71.0	50.4	31.6	12.4	2.2	61.1	930
	03-05	100.0	99.9	97.3	90.1	70.2	49.1	29.9	12.9	2.9	60.6	930
	06-08	100.0	99.8	96.8	88.5	69.1	47.7	30.6	13.6	3.0	60.4	929
	09-11	100.0	96.4	87.9	74.1	53.9	36.1	19.1	7.2	1.0	53.2	929
	12-14	100.0	91.2	75.6	57.8	41.3	24.0	11.2	4.5	.9	46.0	930
	15-17	100.0	93.4	80.0	63.0	43.8	28.5	14.2	5.3	.8	48.5	930
	18-20	100.0	98.3	92.6	81.5	61.6	41.8	26.2	11.1	1.4	57.1	930
	21-23	100.0	99.5	96.3	88.0	70.3	49.1	30.8	11.9	2.0	60.3	930
TOTALS		100.0	97.3	90.4	79.1	60.2	40.8	24.2	9.9	1.8	55.9	7438

RELATIVE HUMIDITY

FEB
MON

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	99.4	94.4	81.3	60.9	42.9	24.3	12.5	2.6	57.3	846
	03-05	100.0	99.5	94.9	79.7	59.3	43.5	25.5	12.4	3.2	57.2	846
	06-08	100.0	99.3	93.6	76.5	55.8	39.0	22.7	10.6	2.4	55.7	846
	09-11	100.0	93.0	74.1	53.5	37.4	26.7	16.5	6.7	1.9	46.3	846
	12-14	99.8	81.1	57.8	40.4	27.5	18.6	9.3	4.0	1.3	39.5	846
	15-17	99.6	84.0	63.8	45.2	31.3	20.6	11.3	4.7	.6	41.7	846
	18-20	100.0	96.3	86.1	68.2	49.1	31.7	20.0	9.8	2.1	51.8	846
	21-23	100.0	98.6	93.0	80.1	60.2	40.9	25.1	11.6	2.5	56.8	846
TOTALS		99.9	93.9	82.2	65.6	47.7	33.0	19.3	9.0	2.1	50.8	6768

RELATIVE HUMIDITY

MAR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	95.6	82.7	66.8	51.5	32.8	15.7	3.7	60.4	930
	03-05	100.0	100.0	95.4	85.9	68.4	52.0	31.1	15.1	3.8	60.7	930
	06-08	100.0	99.1	93.9	82.3	65.1	48.5	29.6	15.5	4.0	59.4	930
	09-11	99.9	91.1	71.0	56.6	44.0	31.1	18.5	9.5	2.5	48.0	929
	12-14	99.6	77.8	56.3	42.0	34.6	22.9	14.1	8.4	1.6	41.3	930
	15-17	99.6	77.2	54.3	43.2	36.0	25.6	16.3	9.0	1.7	41.8	930
	18-20	99.8	92.4	78.1	61.6	48.5	36.7	23.8	13.7	3.2	51.2	930
	21-23	100.0	99.2	88.7	75.3	60.1	47.7	30.4	16.7	3.3	57.8	930
TOTALS		99.9	92.1	79.2	66.2	52.9	39.5	24.6	13.0	3.0	52.6	7439

RELATIVE HUMIDITY

APR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	03-02	100.0	99.3	92.0	80.9	65.3	46.8	27.3	16.1	2.9	58.7	900
	03-05	100.0	99.6	93.8	84.1	70.1	51.7	31.7	15.8	3.3	60.7	900
	06-08	100.0	98.8	90.5	76.4	61.5	41.5	26.4	15.4	3.1	56.9	898
	09-11	99.9	85.1	65.2	45.4	31.1	19.7	13.4	8.6	1.1	42.6	897
	12-14	99.2	71.7	48.4	31.8	21.7	15.3	10.2	6.1	.6	36.0	900
	15-17	98.9	71.4	48.0	33.2	25.0	18.0	11.9	5.8	1.1	36.8	900
	18-20	99.9	91.0	73.0	53.8	38.2	26.0	17.6	9.3	1.3	46.6	900
	21-23	100.0	98.1	88.8	74.6	59.6	38.8	23.8	13.1	2.8	55.4	900
TOTALS		99.7	89.4	75.0	60.0	46.6	32.2	20.3	11.3	2.0	49.2	7195

RELATIVE HUMIDITY

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	99.6	96.3	89.8	74.6	61.4	36.9	18.4	3.3	63.6	930
	03-05	100.0	99.7	98.2	92.8	80.1	65.7	45.4	22.2	4.8	66.4	930
	06-08	100.0	99.1	95.1	81.0	63.1	46.6	30.1	15.6	4.1	59.2	930
	09-11	99.9	90.3	68.8	49.0	33.9	23.5	14.2	7.5	1.7	44.5	930
	12-14	99.2	79.2	52.5	35.5	25.5	17.1	10.8	5.6	1.2	38.2	930
	15-17	98.6	82.0	54.4	37.2	27.1	18.8	11.9	5.1	1.2	39.1	929
	18-20	99.6	93.3	77.7	59.2	41.5	28.6	17.6	7.1	1.8	48.4	927
	21-23	100.0	98.3	93.3	82.0	64.4	46.8	28.8	11.1	2.0	58.6	927
TOTALS		99.7	92.7	79.5	65.8	51.3	38.6	24.5	11.6	2.5	52.3	7433

RELATIVE HUMIDITY

J J N
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	99.3	93.4	79.4	58.2	38.3	23.1	7.6	.6	55.6	900
	03-05	100.0	99.1	94.8	84.8	68.0	48.6	27.1	10.2	1.1	59.1	900
	06-08	100.0	96.6	87.6	69.3	49.8	30.1	14.8	5.8	.6	51.1	900
	09-11	99.2	80.3	54.6	33.3	19.9	10.0	5.0	2.2		36.0	900
	12-14	96.8	63.2	36.4	19.9	10.7	5.9	4.1	1.4		29.2	900
	15-17	96.2	66.7	38.6	20.7	12.9	8.4	4.0	1.6	.1	30.3	900
	18-20	99.0	86.1	61.3	39.6	23.9	13.8	6.8	2.8	.4	39.0	900
	21-23	100.0	97.3	87.6	66.0	43.3	27.2	14.6	5.3	.1	49.9	900
TOTALS		98.9	86.1	69.3	51.6	35.8	22.8	12.4	4.6	.4	43.8	7200

RELATIVE HUMIDITY

JUL
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	99.7	93.7	78.0	57.6	38.2	22.2	5.6	.8	55.4	930
	03-05	100.0	99.8	96.7	86.1	67.7	43.1	23.3	8.5	1.7	59.4	930
	06-08	100.0	98.0	88.0	68.0	46.1	29.2	14.2	4.6	.6	50.9	930
	09-11	99.0	80.1	52.5	31.1	17.2	6.7	1.8	.1		34.5	930
	12-14	96.5	59.6	31.5	13.9	6.3	2.2	.5	.1		26.3	930
	15-17	96.3	64.1	36.3	21.6	11.9	5.9	2.5	.1	.1	29.1	930
	18-20	99.2	83.7	61.0	41.4	25.4	14.7	7.0	1.9		39.0	930
	21-23	99.8	96.7	82.4	65.1	45.4	27.2	14.3	4.0	.4	49.3	930
TOTALS		98.9	85.2	67.9	50.7	34.7	21.6	11.1	3.1	.5	43.0	7440

RELATIVE HUMIDITY

724595
STATION

BUCKLEY ANG8 C3

73-82

A 35
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	99.6	97.4	84.4	64.3	41.5	23.2	8.7	3.3	58.3	930
	03-05	100.0	100.0	98.3	88.0	70.1	50.1	29.6	13.1	4.7	61.3	930
	06-08	100.0	99.6	92.9	76.5	55.4	35.4	21.6	8.9	3.8	55.1	929
	09-11	100.0	84.8	59.6	35.8	19.5	10.3	4.3	2.2	1.6	37.5	930
	12-14	98.8	64.7	34.3	18.9	9.0	4.7	2.6	1.4	.8	28.9	930
	15-17	99.0	67.4	39.2	20.8	13.3	7.3	3.1	1.3	.8	30.8	929
	18-20	100.0	90.9	68.8	47.5	27.7	15.6	7.9	2.8	1.4	41.9	927
	21-23	100.0	99.0	91.1	73.1	51.9	29.6	15.9	5.8	2.4	52.9	930
TOTALS		99.7	88.3	72.7	55.6	38.9	24.3	13.6	5.5	2.4	45.8	7435

USAFETACFORM
MIL-44

0-87-5 (OL A)

RELATIVE HUMIDITY

SEP
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	99.6	94.3	75.7	57.9	41.7	28.7	12.7	3.0	56.9	900
	03-05	100.0	99.7	95.3	82.0	62.9	47.6	33.9	15.6	3.4	59.8	900
	06-08	100.0	98.9	90.0	73.0	53.6	39.6	27.4	12.4	4.4	55.6	900
	09-11	100.0	81.9	54.9	37.9	26.1	16.1	9.4	4.6	1.0	38.9	900
	12-14	98.6	58.6	35.7	24.1	15.2	8.9	5.4	2.6	.4	30.4	900
	15-17	98.1	58.3	34.0	24.2	16.3	10.2	6.1	2.7	.3	30.5	900
	18-20	100.0	88.9	60.7	41.6	29.2	20.1	13.3	5.6	1.4	41.8	900
	21-23	100.0	98.8	84.8	62.3	44.4	31.4	22.6	9.8	2.4	51.5	900
TOTALS		99.6	85.6	68.7	52.6	38.2	27.0	18.4	8.3	2.0	45.7	7200

RELATIVE HUMIDITY

351

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	97.4	89.4	73.4	52.2	37.6	24.9	13.1	3.3	54.8	930
	03-05	100.0	98.0	90.4	73.5	57.3	40.2	28.2	15.2	4.2	56.4	930
	06-08	100.0	96.0	85.3	69.1	52.4	38.4	26.3	13.3	4.2	54.1	930
	09-11	99.2	80.2	54.0	37.2	25.0	16.5	9.3	5.2	1.9	38.3	929
	12-14	97.1	61.8	37.7	23.3	15.6	10.2	7.1	3.9	.9	30.8	930
	15-17	97.1	62.6	40.3	25.2	16.5	10.6	7.3	3.3	1.0	31.8	930
	18-20	99.8	89.1	68.5	48.8	32.4	22.0	13.1	7.7	1.9	43.9	930
	21-23	99.9	96.6	84.2	67.0	47.0	31.9	21.3	11.4	3.2	51.6	930
TOTALS		99.1	85.2	68.7	52.2	37.3	25.9	17.2	9.1	2.6	45.2	7439

FORM
FIL 44

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724695
STATION

BUCKLEY ANGB CO
STATION NAME

73-82
PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	99.4	95.2	83.8	68.7	53.6	35.7	21.7	8.8	62.1	900
	03-05	100.0	99.6	93.9	82.1	68.4	53.2	37.2	24.2	9.3	62.2	900
	06-08	100.0	99.2	91.9	80.0	66.3	50.0	35.0	21.7	8.8	60.7	900
	09-11	100.0	91.6	74.9	57.4	42.8	30.0	19.7	10.0	4.3	48.5	900
	12-14	99.9	80.3	62.3	44.6	29.7	19.1	12.2	6.4	2.0	41.1	900
	15-17	99.9	86.8	72.3	55.3	39.1	26.1	16.0	9.0	2.2	46.3	900
	18-20	100.0	98.0	89.9	75.6	59.2	42.3	28.9	16.7	5.8	57.1	900
	21-23	100.0	99.3	93.8	84.1	66.3	50.4	32.2	19.4	7.6	60.9	900
TOTALS		100.0	94.3	84.3	70.4	55.1	40.6	27.1	16.1	6.1	54.9	7200

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724595
STATION

BUCKLEY ANG3 CO
STATION NAME

73-82
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.6	95.1	81.9	59.6	39.9	27.7	15.8	4.3	57.8	924
	03-05	100.0	99.4	95.5	80.5	60.1	39.4	28.8	15.0	4.8	57.9	924
	06-08	100.0	99.2	94.6	81.3	57.0	39.5	28.7	14.7	5.7	57.6	924
	09-11	100.0	94.9	79.7	57.9	40.4	27.4	19.4	10.4	2.5	48.8	924
	12-14	100.0	85.5	64.3	47.3	32.3	20.1	13.4	6.0	2.4	42.6	924
	15-17	100.0	91.2	74.2	54.8	39.1	25.6	16.5	8.9	1.9	46.8	924
	18-20	100.0	97.9	90.2	72.5	54.5	38.9	25.5	13.0	4.2	55.2	924
	21-23	100.0	99.3	95.0	81.5	59.3	43.1	27.5	13.1	4.6	57.7	923
TOTALS		100.0	95.9	86.1	69.7	50.3	34.2	23.4	12.1	3.8	53.1	7391

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724695 30CKLEY ANG9 CO 73-83 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	97.3	90.4	79.1	60.2	40.9	24.2	9.9	1.8	55.9	7438
FEB		99.9	93.9	82.2	65.6	47.7	33.0	19.3	9.0	2.1	50.6	5758
MAR		99.9	92.1	79.2	66.2	52.9	39.5	24.6	13.0	3.0	52.6	7439
APR		99.7	89.4	75.0	60.0	46.6	32.2	20.3	11.3	2.0	49.2	7195
MAY		99.7	92.7	79.5	65.8	51.3	38.6	24.5	11.6	2.5	52.3	7433
JUN		98.9	86.1	69.3	51.6	35.8	22.8	12.4	4.6	.4	43.8	7200
JUL		98.9	85.2	67.9	50.7	34.7	21.5	11.1	3.1	.5	43.0	7440
AUG		99.7	88.3	72.7	55.6	38.9	24.3	13.6	5.5	2.4	45.8	7435
SEP		99.6	85.6	68.7	52.6	38.2	27.0	18.4	8.3	2.0	45.7	7200
OCT		99.1	85.2	68.7	52.2	37.3	25.9	17.2	9.1	2.6	45.2	7439
NOV		100.0	94.3	84.3	70.4	55.1	40.6	27.1	16.1	6.1	54.9	7200
DEC		100.0	95.9	86.1	69.7	50.3	34.2	23.4	12.1	3.8	53.1	7391
TOTALS		99.6	90.5	77.0	61.6	45.8	31.7	19.7	9.5	2.4	49.4	87578

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

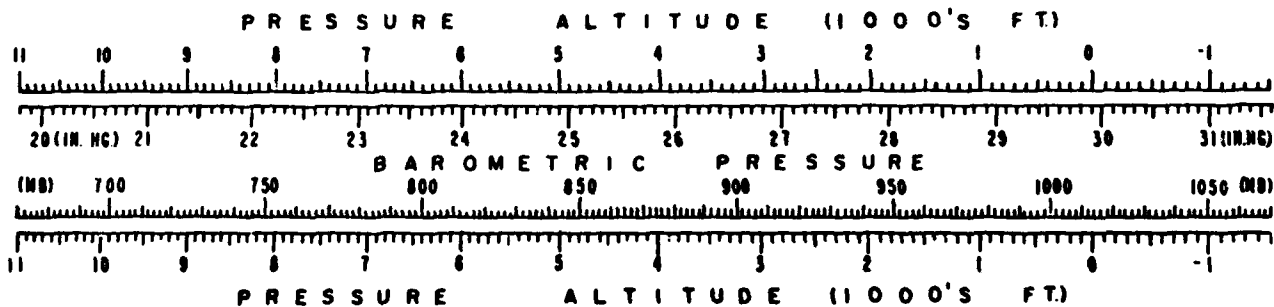
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HBS FROM HOURLY OBSERVATIONS

724595 BUCKLEY ANGB CO

73-83

STATION		STATION NAME												YEARS											
HRS EST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
7	MEAN	1015.7	1014.6	1010.4	1011.1	1010.2	1011.3	1012.9	1013.1	1014.4	1015.1	1015.9	1015.0	1013.3											
	S D	8.055	7.913	8.576	8.302	6.676	5.514	4.173	4.249	6.286	7.814	8.150	8.872	7.486											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650											
15	MEAN	1016.0	1014.9	1010.4	1011.6	1010.7	1012.1	1013.8	1013.9	1014.9	1016.0	1016.6	1015.7	1013.9											
	S D	8.016	7.829	8.541	8.190	6.566	5.420	4.124	4.255	6.210	7.662	8.151	8.761	7.437											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650											
18	MEAN	1017.4	1016.3	1011.6	1012.5	1011.3	1012.6	1014.5	1014.8	1016.1	1017.1	1017.9	1017.1	1014.9											
	S D	8.150	7.710	8.522	8.123	6.557	5.495	4.240	4.312	6.302	7.603	8.105	8.765	7.498											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650											
11	MEAN	1016.7	1015.4	1010.8	1011.4	1010.3	1011.5	1013.5	1013.8	1015.1	1015.9	1016.6	1016.3	1013.9											
	S D	8.082	7.736	8.597	8.263	6.802	5.654	4.287	4.452	6.526	7.730	8.258	8.794	7.594											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	308	3649											
14	MEAN	1013.9	1013.0	1008.8	1009.8	1008.9	1010.0	1012.0	1012.2	1013.2	1013.6	1014.3	1014.0	1012.0											
	S D	7.964	7.831	8.467	8.282	6.898	5.733	4.250	4.611	6.430	7.734	8.243	8.668	7.490											
	TOTAL OBS	310	282	310	300	310	299	309	309	309	300	310	300	308	3647										
17	MEAN	1015.4	1013.9	1009.2	1009.9	1008.9	1009.6	1012.2	1012.2	1013.3	1014.2	1015.8	1015.6	1012.5											
	S D	8.017	7.794	8.218	8.143	6.870	5.837	4.287	4.606	6.474	7.699	8.099	8.600	7.599											
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	308	3649											
0	MEAN	1017.2	1015.8	1011.1	1011.5	1010.1	1010.5	1013.1	1013.3	1014.9	1015.9	1017.3	1016.9	1013.9											
	S D	8.042	7.979	8.149	8.133	6.819	5.749	4.516	4.525	6.448	7.755	8.048	8.751	7.649											
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	308	3649											
23	MEAN	1016.4	1015.0	1010.9	1011.8	1010.7	1011.5	1013.5	1013.5	1014.8	1015.5	1016.4	1015.9	1013.8											
	S D	8.092	8.097	8.453	8.352	6.784	5.588	4.389	4.381	6.505	7.952	8.184	8.829	7.564											
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	308	3649											
ALL HOURS	MEAN	1016.1	1014.9	1010.4	1011.2	1010.1	1011.1	1013.2	1013.4	1014.6	1015.4	1016.4	1015.8	1013.5											
	S D	8.109	7.910	8.479	8.259	6.787	5.701	4.347	4.495	6.454	7.804	8.204	8.794	7.589											
	TOTAL OBS	2480	2256	2480	2400	2477	2399	2479	2479	2400	2480	2399	2464	29193											

DATE
ILME